Independent design proposal for Anajib Venture

The weave *atlas*

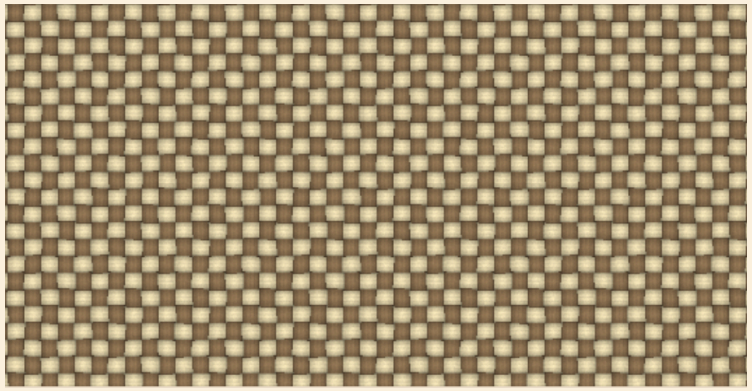
A digital swatchbook for choosing a first weave and a pair of yarn colours to try on the loom.

WORKING BROWSER PROTOTYPE

Cover study from the prototype · digitally rendered cloth

Which weave makes that mark?

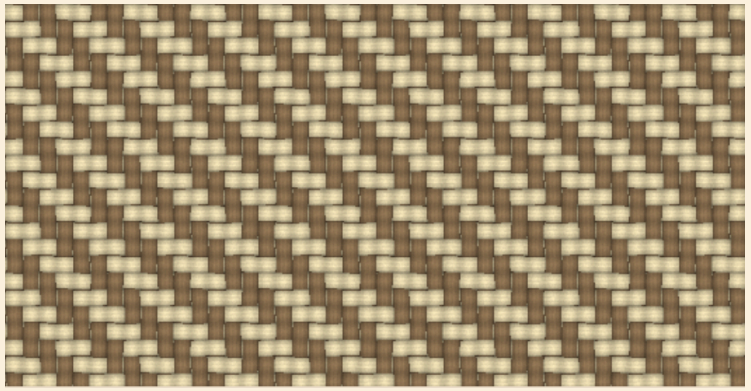
A textile student, handweaver or studio designer can see a rib in a reference image. The open question is how to repeat it. On squared paper, a change of weave means drawing the crossings again.



Plain

2 × 2 repeat

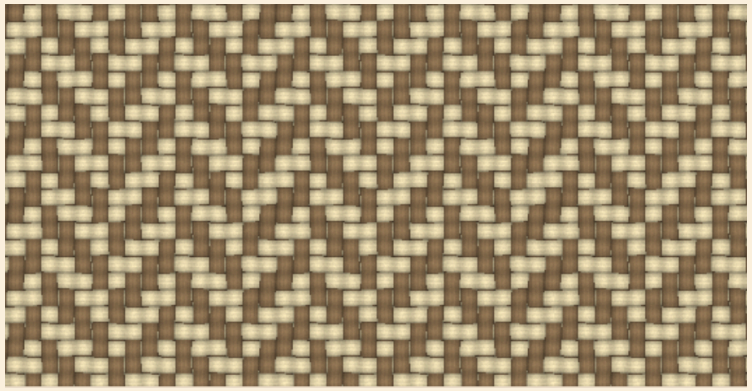
Alternating crossings form a small check.



Twill

4 × 4 repeat

Two up, two down. The offset forms a rib.



Herringbone

8 × 4 repeat

The twill reverses after four warp ends.

Three live swatches captured with the same fawn warp and unbleached-oat weft.

One swatch, two ways to read it



Pick a structure

Choose the rule for the crossings. The sample starts on Twill.

Set the yarn pair

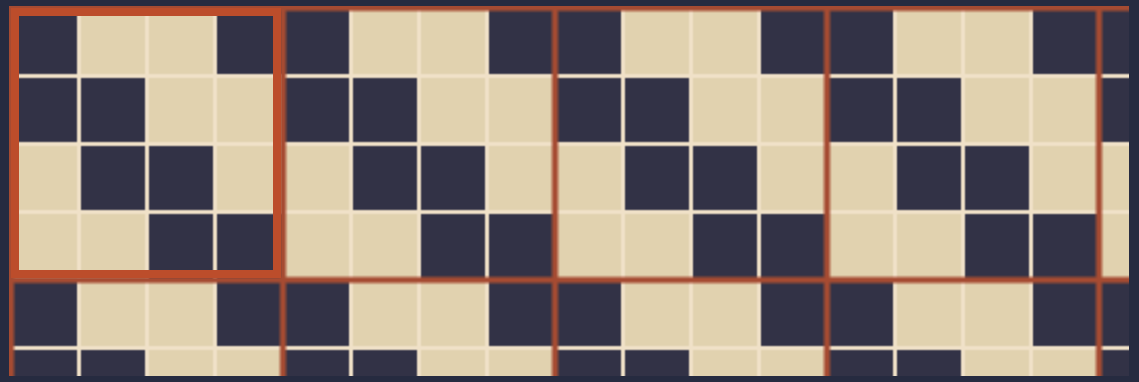
Madder puts an oxide-red warp over and under an apricot weft.

Turn to the draft

Switch views to inspect which thread sits on top at each crossing.

Four ends. Four picks.

An end is one lengthwise warp thread. A pick is one pass of the weft across it. Read the first repeat from the upper-left corner.

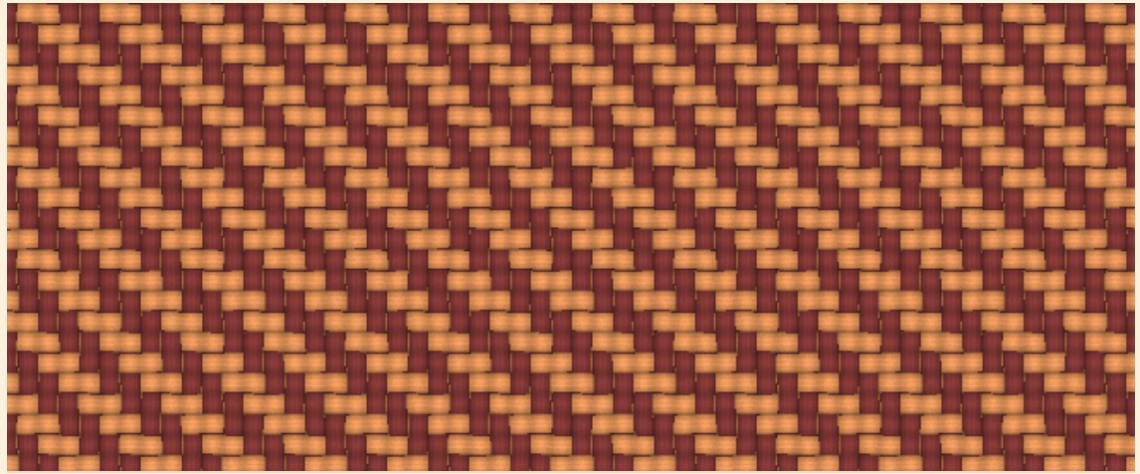


Detail from the live draft. The outlined area is one repeat.

	E1	E2	E3	E4
P1	W	F	F	W
P2	W	W	F	F
P3	F	W	W	F
P4	F	F	W	W

W warp on top · **F** weft on top

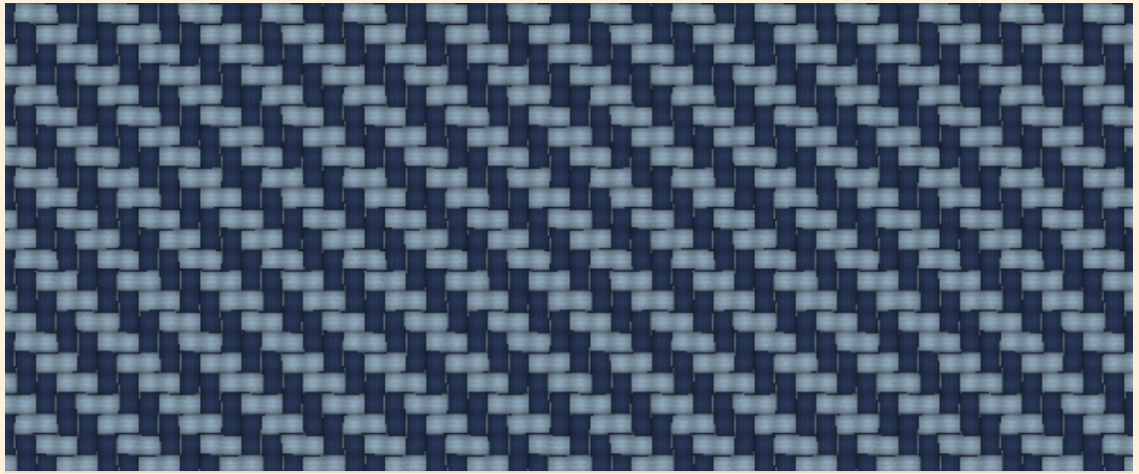
Change the yarn pair



SW / 02 · A

Madder

Oxide red warp · Apricot weft



SW / 02 · B

Indigo

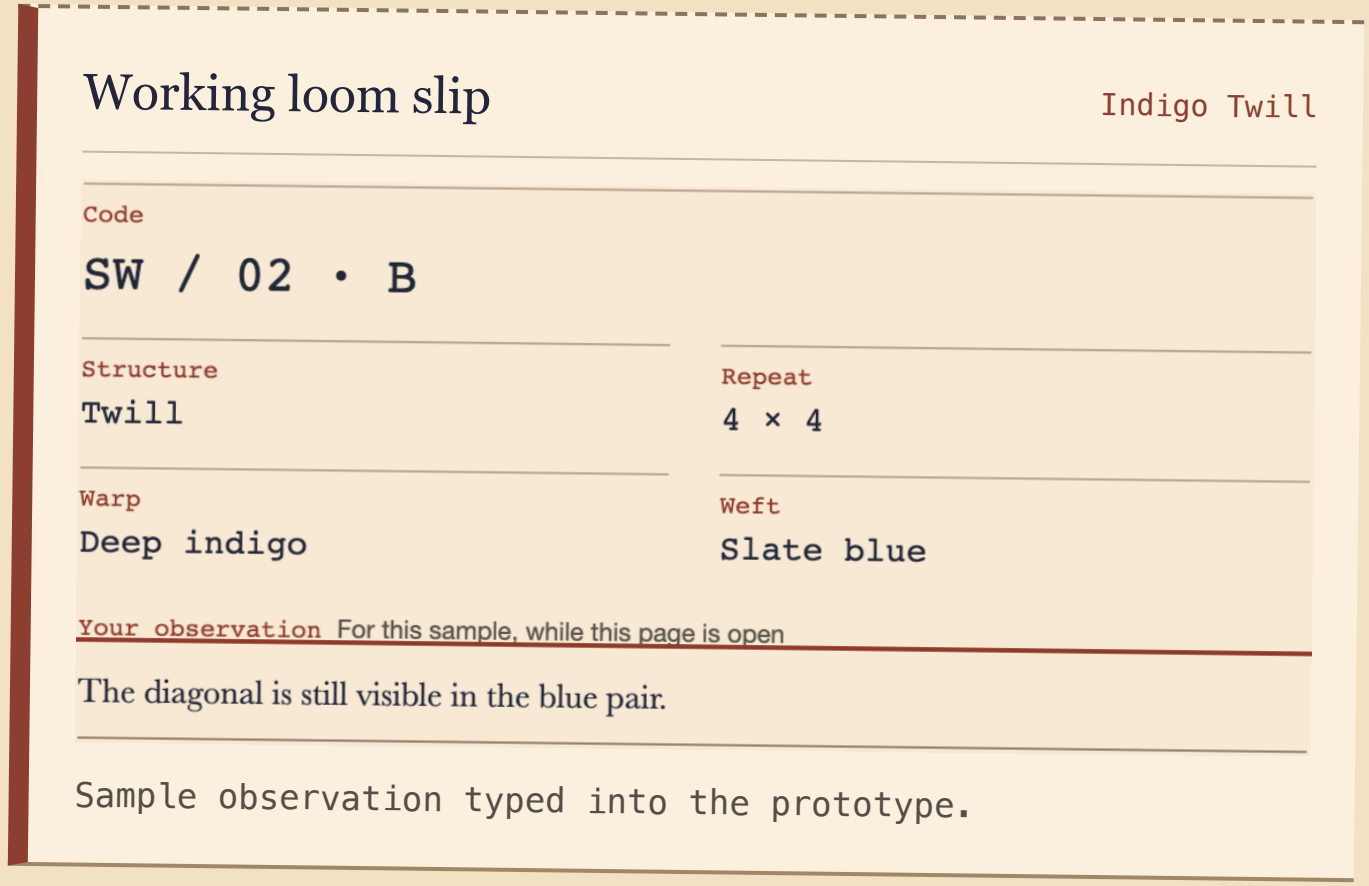
Deep indigo warp · Slate blue weft

Leave Twill selected and choose Indigo. The diagonal shifts from red to blue. Open the draft again and the same 16 crossings occupy the first block.

A slip for the next *sample*

Changing the swatch also updates its loom slip. Copy the code, repeat and yarn names into a notebook before leaving the page.

Use the observation line for one feature you want to find again in the woven trial.



The note field is a working space while the page is open.

What the loom will tell *you*

The browser calculates which thread crosses on top, shades a tile 16 ends by 16 picks, then repeats it. Digital colour and thread spacing are fixed.

Make one Indigo Twill sample

01 **Choose the actual yarns**

Record their diameter and the sett, measured in ends per unit of width.

02 **Weave and finish a short length**

Note the tension and finishing method. Check whether the diagonal remains easy to follow.

03 **Compare the finished cloth**

Handle it to judge drape. Compare the actual yarn colours before choosing a dye lot.