

The background features a dark blue field with a complex, symmetrical border of colorful lines. These lines, in shades of magenta, cyan, and lavender, form a series of interlocking, stepped geometric shapes that resemble a stylized maze or a digital circuit board. The lines are of varying lengths and are arranged to create a sense of depth and movement, framing the central text.

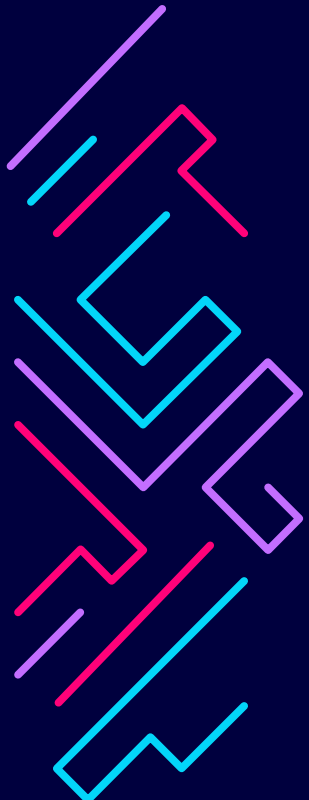
Proyecto Final

Gráficas Computacionales

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An abstract geometric pattern composed of numerous thin, colored lines in shades of purple, pink, and cyan. These lines are arranged in a complex, interlocking manner, creating a series of nested, angular shapes that resemble a stylized, multi-colored staircase or a series of connected chevrons. The pattern is set against a dark blue background and occupies the upper half of the image.

01

Concepto

Puente de Cempasúchil



Basado en la película de
Coco.
Conecta al mundo de los
vivos con el de los
muertos.

Descripción

Nuestro concepto es realizar una animación de un puente de flores de cempasúchil.

La cámara se trasladará sobre el puente de ida y regreso.

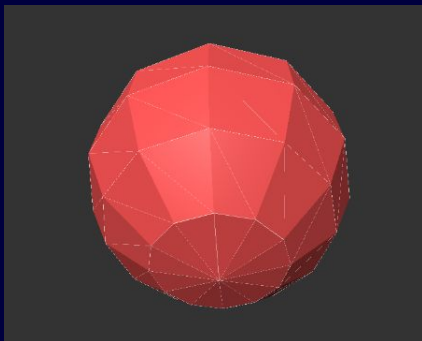
Sobre el puente se verán piñatas que explotan y pétalos flotando en el aire



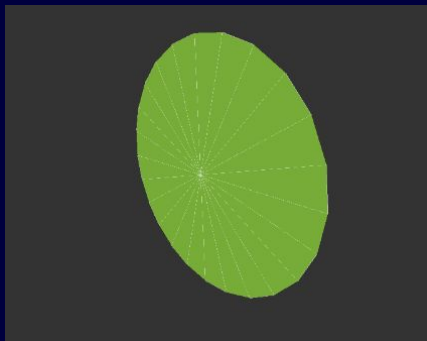
An abstract geometric pattern composed of numerous thin, colorful lines in shades of purple, pink, and cyan. These lines are arranged in a complex, interlocking manner, forming various angular shapes and paths that flow across the top half of the image. The pattern has a sense of movement and depth, with some lines appearing to overlap others.

02

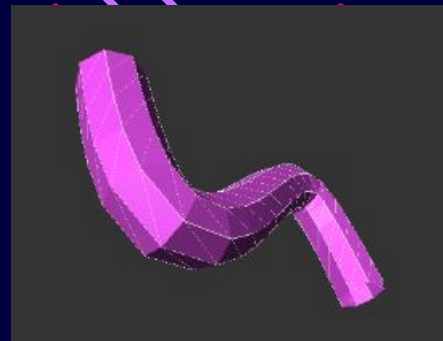
Objetos



Esfera



Círculo



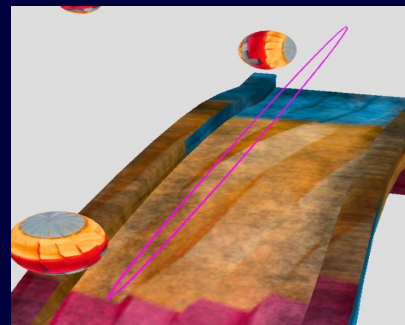
Tubo



Posteriormente se
vuelve una piñata



Posteriormente se
vuelve en pétalos



Se crea un tubo elipse
para manejar la
cámara

An abstract geometric pattern composed of numerous thin, colored lines in shades of purple, pink, and cyan. These lines are arranged in a complex, interlocking fashion, creating a series of nested, angular shapes that resemble a stylized, modern architectural facade or a digital circuit board. The pattern is set against a dark blue background and occupies the upper half of the image.

02

Texturas y Modelos

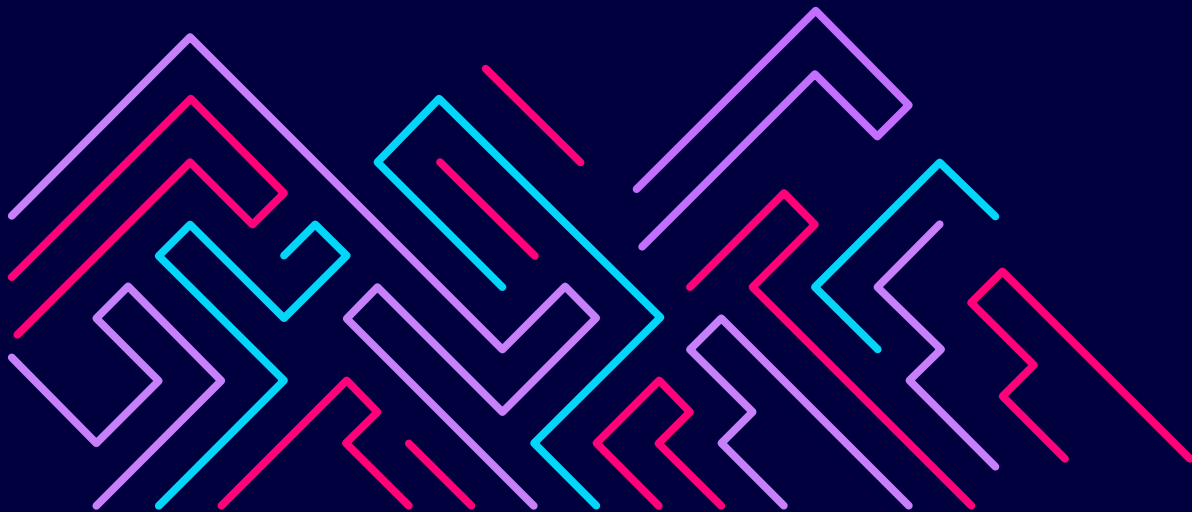
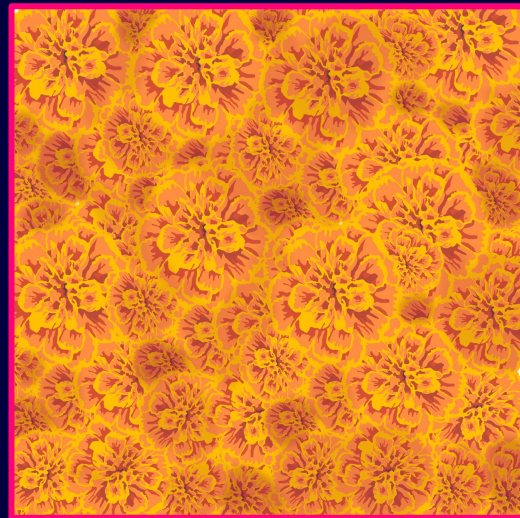
Modelo de Puento

Recuperado de
<https://sketchfab.com/3d-models/bridge-9328bbfc04a84202a6a97bd59408473a>



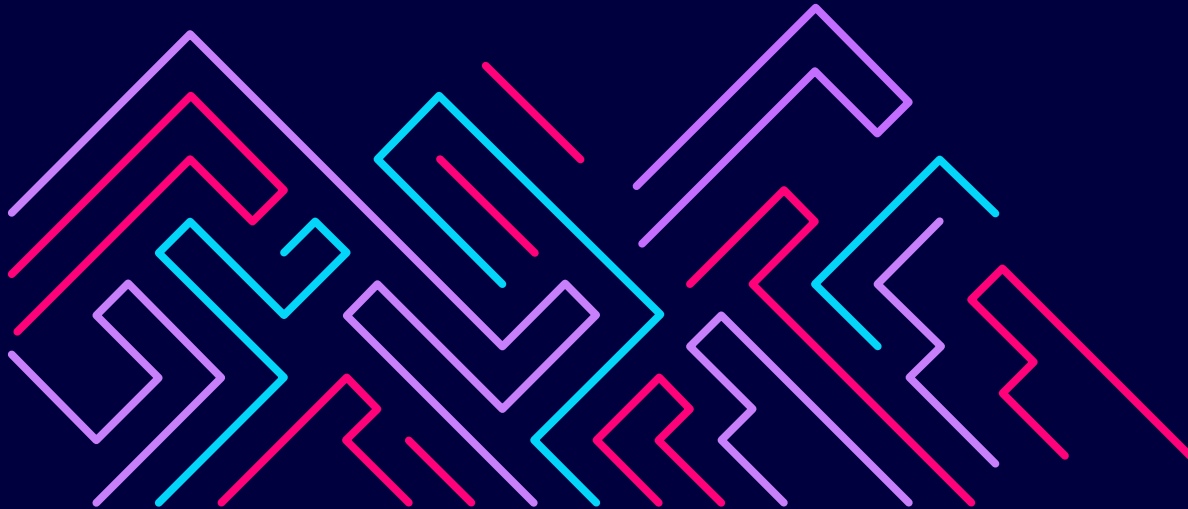
Textura de Flor de Cempasuchil

Elaborada por nosotras



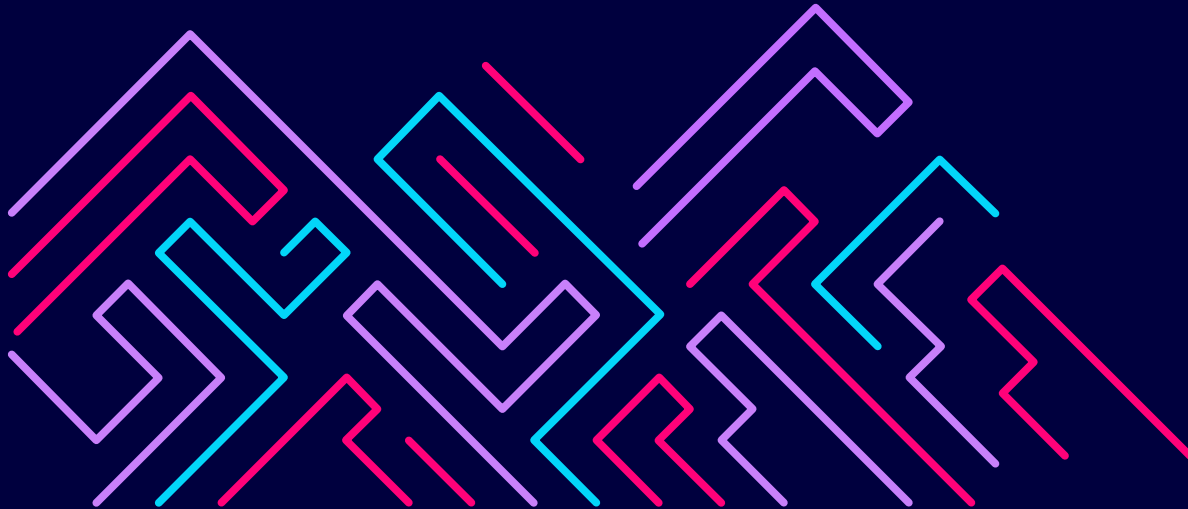
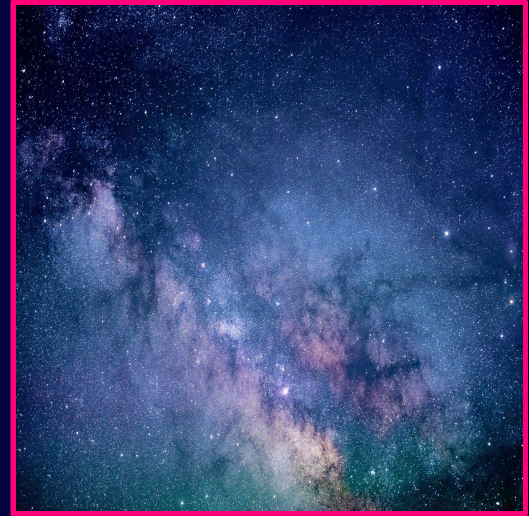
Textura de Piñata

Recuperado de
<https://redeyecat.wordpress.com/2014/03/22/wip-kit-bashing-take-01/>



Textura de Piso

Recuperado de
<https://eplusmerakialyssacarson.splashthat.com/>



Textura de Fondo

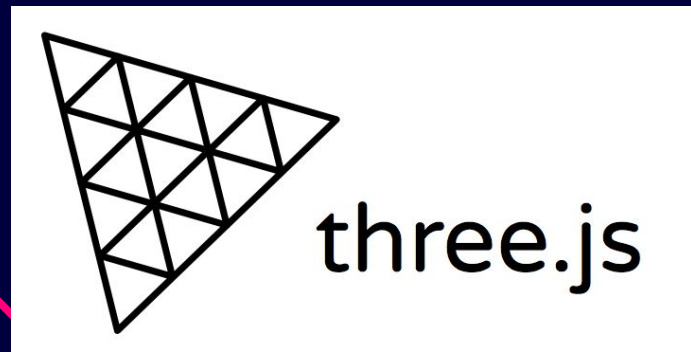
Recuperado de
<https://hdqwalls.com/wallpaper/1280x2120/magic-kingdom-4k>



Tecnologías utilizadas

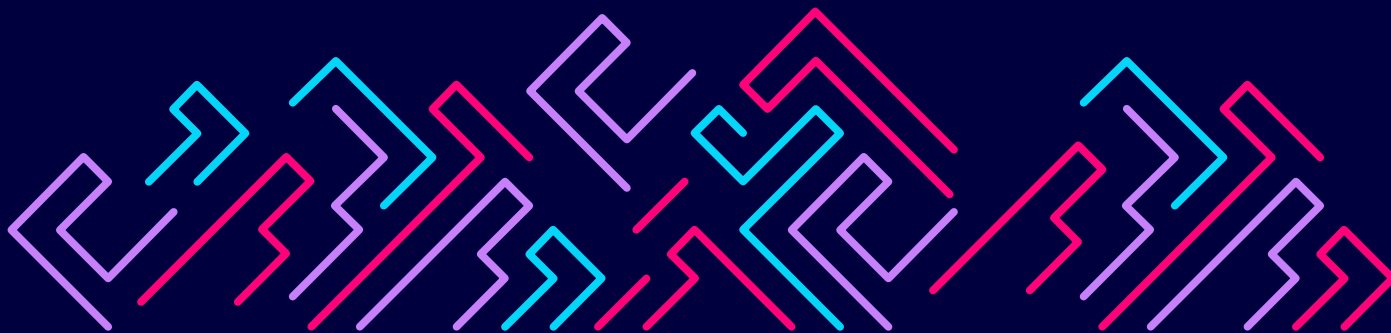
Para el desarrollo de este proyecto utilizamos THREE.js una librería de JavaScript para crear gráficos 3D y puedan ser visualizados en web.

También utilizamos una extensión de Three.js llamada threex.domevents para poder interactuar de una manera fácil con los objetos, por ejemplo los clicks en las piñatas



OTRAS REFERENCIAS

- <https://threejsfundamentals.org/threejs/lessons/threejs-primitives.html>
- <https://threejs.org/docs/>
- https://threejs.org/examples/#webgl_geometry_extrude_splines
- <https://github.com/jeromeetienne/threex.domevents>

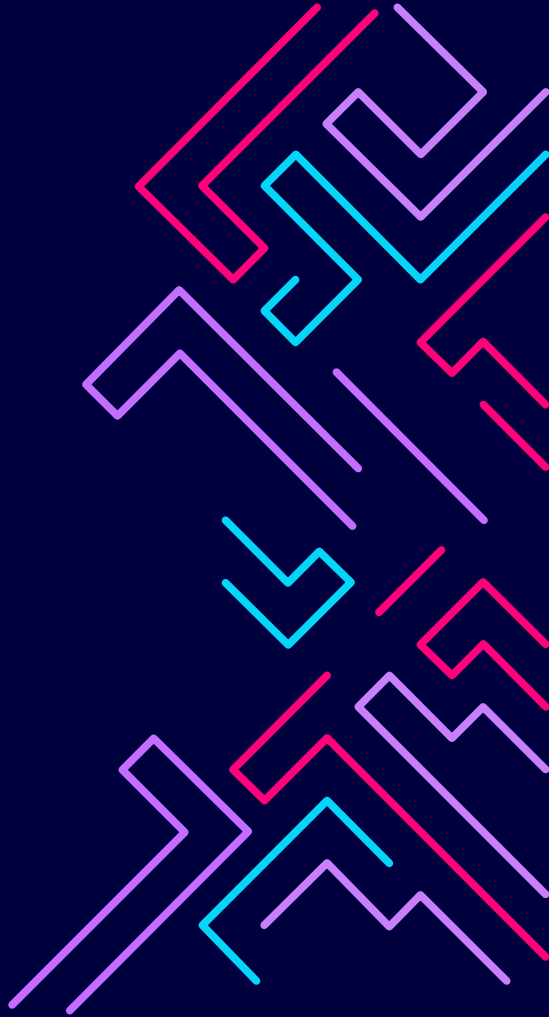


An abstract geometric pattern on the left side of the slide, composed of various colored lines (pink, purple, cyan) forming a complex, interlocking shape. The pattern is made of straight lines of different lengths and orientations, creating a sense of movement and depth. It is set against a dark blue background.

GRACIAS

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An abstract geometric pattern on the right side of the slide, identical to the one on the left. It consists of various colored lines (pink, purple, cyan) forming a complex, interlocking shape. The pattern is made of straight lines of different lengths and orientations, creating a sense of movement and depth. It is set against a dark blue background.