

Converting Colors

Hex(633D6A)

Have a look what the booklet for
Hex(633D6A) contains.

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Color

Hex(633D6A)

Conversions

Conversions Part 1

Format	Color
Hex	633D6A
RGB	99, 61, 106
RGB Percent	39%, 24%, 42%
CMY	0.6118, 0.7608, 0.5843
CMYK	0.07, 0.42, 0.00, 0.58
HSL	291°, 27%, 33%
HSV	291°, 42%, 42%
XYZ	9.4159, 7.0307, 14.4965
YIQ	77.4920, 8.2030, 22.0510

Conversions

Conversions Part 2

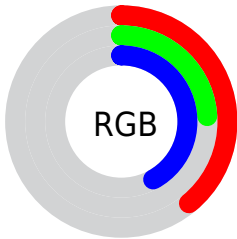
Format	Color
RYB	99, 61, 106
Decimal	6503786
CIELab	31.88, 24.99, -19.58
CIElCh	32, 31.745, 321.921
Yxy	7.0307, 0.3043, 0.2272
Android (android.graphics.Color)	4284693866 (0xFF633D6A)
YUV	77.4920, 14.0544, 18.8625
Hunter-Lab	26.5155, 16.9844, -13.8539

Details

The Hex color **633D6A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **446A3D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **976D9D**, and **33103A** is the 20% darker color. If you saturate the color by 10%, you get **61326A**, and if you desaturate by 10%, it is **65486A**.

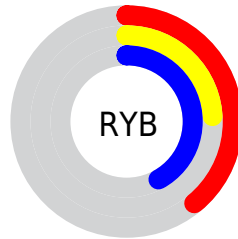
Distribution



Red (39%)

Green (24%)

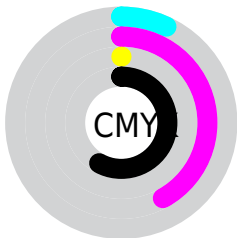
Blue (42%)



Red (39%)

Yellow (24%)

Blue (42%)

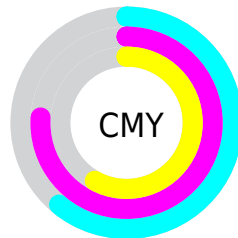


Cyan (7%)

Magenta (42%)

Yellow (0%)

Black (58%)



Cyan (61%)

Magenta (76%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633D6A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 633D6A by changing the saturation by 10% instead.

633D6A

633D6A

FFFFFF

4A2652

976D9D

33103A

B287B8

200025

CDA2D4

00010D

EABDF1

000000

FFD9FF

FFF5FF

633D6A

633D6A

61326A

65486A

60286A

66526A

5E1D6A

685D6A

5C136A

6A676A

5B086A

6B726A

5A006A

6D7D6A

6F876A

70926A

729C6A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



414779



633D6A



753653

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



633D6A



5F4717



00575D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



633D6A



446A3D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005743



633D6A



474F1A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



633D6A



703E24



29542B



005572

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



633D6A



793542



29542B



005754

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



633D6A



87788A



3D456A



433A45



C4C4C4



454545

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



633D6A



7F438A



6A3D5B



353036



630075



CF00F5

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6A3D44



8A434E



3D6A4C



363031



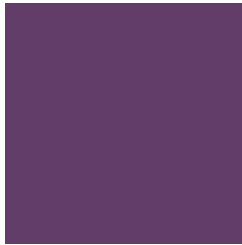
750012



F50026

Previews

White Background



This preview shows how the Hex color 633D6A looks on a white background.

Color Contrast Check

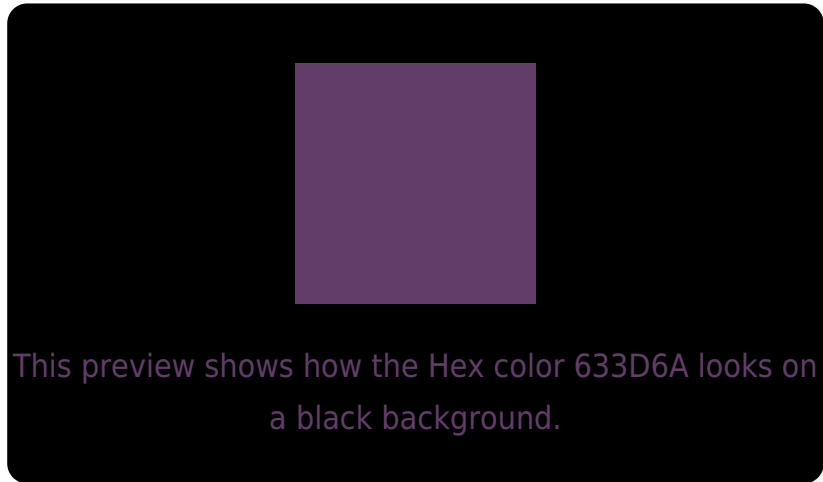
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

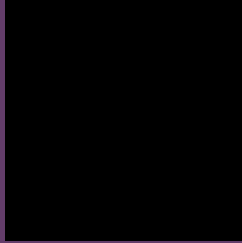
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 633D6A Background



This preview shows how black text looks on a background with the Hex color 633D6A.



This preview shows how white text looks on a background with the Hex color 633D6A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
633D6A

Protanopia
3C4A75

Deuteranopia
434A67



Tritanopia
5E4449

Trichromacy



Original Color
633D6A

Protanomaly
4A4571

Deuteranomaly
4F4568

Tritanomaly
604155

Monochromacy



Original Color
633D6A

Achromatopsia
4D4D4D

Achromatomaly
554758

CSS Examples

Text

The CSS property to change the color of the text to Hex 633D6A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #633D6A looks like.

```
.text, #text, p{  
    color:#633D6A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #633D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633D6A
}
```

Border

The CSS property to change the border of an element to Hex 633D6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

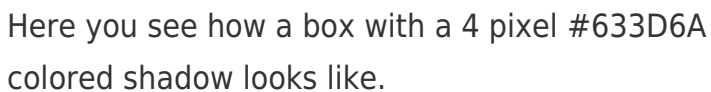
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633D6A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#633D6A }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #633D6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633D6A; -webkit-box-shadow:4px 4px  
4px 4px #633D6A; box-shadow:4px 4px 4px  
4px #633D6A }
```

Background

The CSS property to change the background color of an element to Hex 633D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633D6A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#633D6A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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