

Converting Colors

Hex(633105)

Have a look what the booklet for
Hex(633105) contains.

Hex(633105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(633105)

Conversions

Conversions Part 1

Format	Color
Hex	633105
RGB	99, 49, 5
RGB Percent	39%, 19%, 2%
CMY	0.6118, 0.8078, 0.9804
CMYK	0.00, 0.51, 0.95, 0.61
HSL	28°, 90%, 20%
HSV	28°, 95%, 39%
XYZ	6.2713, 4.8602, 0.7512
YIQ	58.9340, 43.9240, -3.0840

Conversions

Conversions Part 2

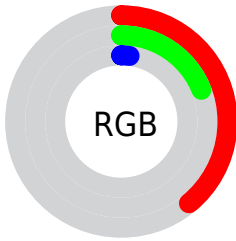
Format	Color
R_{YB}	99, 88, 5
Decimal	6500613
CIE Lab	26.33, 19.57, 34.66
CIE LCh	26, 39.803, 60.543
Yxy	4.8602, 0.5278, 0.4090
Android (android.graphics.Color)	4284690693 (0xFF633105)
YUV	58.9340, -26.5895, 35.1379
Hunter-Lab	22.0459, 12.1966, 13.4120

Details

The Hex color **633105** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **053763**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9A6034**, and **2E0600** is the 20% darker color. If you saturate the color by 10%, you get **632E00**, and if you desaturate by 10%, it is **63360F**.

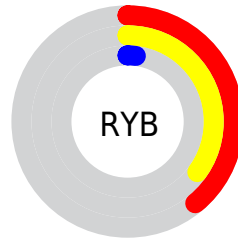
Distribution



Red (39%)

Green (19%)

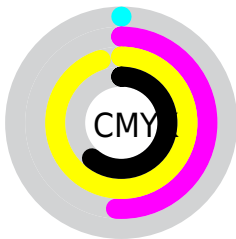
Blue (2%)



Red (39%)

Yellow (35%)

Blue (2%)

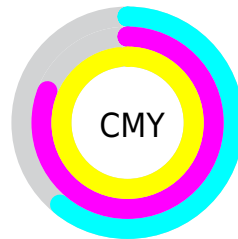


Cyan (0%)

Magenta (51%)

Yellow (95%)

Black (61%)



Cyan (61%)

Magenta (81%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633105 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 633105 by changing the saturation by 10% instead.

 633105

 633105

 FFFFEA

 481B00

 9A6034

 2E0600

 B7794B

 0A0000

 D49364

 000000

 F2AD7D

 FFC997

 FFE5B2

 FFFFCE

 633105

 633105

■ 632E00

■ 63360F

■ 633C19

■ 634123

■ 63462D

■ 634B37

■ 635140

■ 63564A

■ 635B54

■ 63605E

Harmonies

Analogous

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



712321



633105



4C3D00

Triad

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



633105



004C3E



3D3673

Complementary

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



633105



053763

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.



00427B



633105



004C5C

Square

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



633105



004A1F



004973



63275D

Rectangle

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



633105



394300



004973



283A77

Sweetspot

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



633105



806D5C



630537



40342A



BFBFBF



404040

Same Dimension

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



633105



803C00



636005



302E2C



703500



F07000

Inverse Universe

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



053763



004480



050863



2C2E30



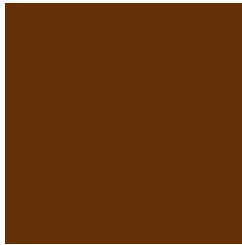
003C70



007FF0

Previews

White Background



This preview shows how the Hex color 633105 looks on a white background.

Color Contrast Check

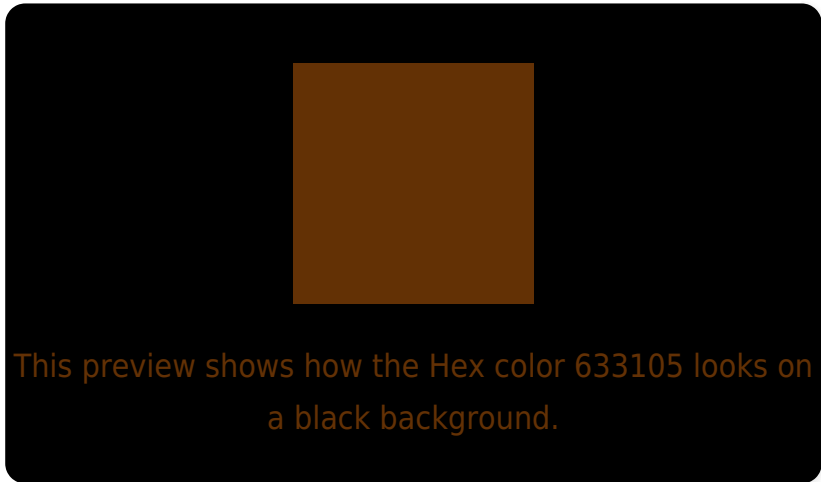
Large Text (above 18pt) WCAG AA ✓ Pass

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

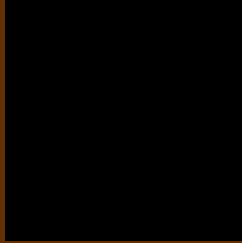
Any Text WCAG AA × Fail

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 633105 Background



This preview shows how black text looks on a background with the Hex color 633105.



This preview shows how white text looks on a background with the Hex color 633105.

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
633105

Protanopia
473F0A

Deuteranopia
503C00



Tritanopia
642E31

Trichromacy



Original Color
633105

Protanomaly
513A08

Deuteranomaly
573802

Tritanomaly
642F21

Monochromacy



Original Color
633105

Achromatopsia
3B3B3B

Achromatomaly
4A3727

CSS Examples

Text

The CSS property to change the color of the text to Hex 633105 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 #633105 looks like.

```
.text, #text, p{  
    color:#633105  
}
```

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 #633105 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633105
}
```

Border

The CSS property to change the border of an element to Hex 633105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

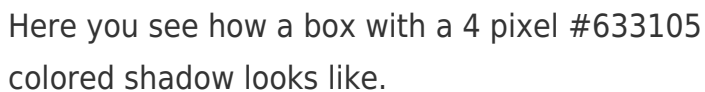
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633105 }
```

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

```
.border{ border-color:#633105 }
```

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



Here you see how a box with a 4 pixel #633105 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633105; -webkit-box-shadow:4px 4px  
4px 4px #633105; box-shadow:4px 4px 4px  
4px #633105 }
```

Background

The CSS property to change the background color of an element to Hex 633105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633105 }
```

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

```
.background{ background-color:#633105 }
```

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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