

Converting Colors

Hex(663B0A)

Have a look what the booklet for
Hex(663B0A) contains.

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Color

Hex(663B0A)

Conversions

Conversions Part 1

Format	Color
Hex	663B0A
RGB	102, 59, 10
RGB Percent	40%, 23%, 4%
CMY	0.6000, 0.7686, 0.9608
CMYK	0.00, 0.42, 0.90, 0.60
HSL	32°, 82%, 22%
HSV	32°, 90%, 40%
XYZ	7.0982, 5.9746, 1.0663
YIQ	66.2710, 41.3570, -6.1230

Conversions

Conversions Part 2

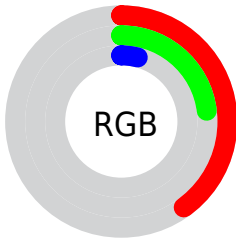
Format	Color
R_{YB}	91, 102, 10
Decimal	6699786
CIE _{Lab}	29.35, 15.09, 35.40
CIE _{LCh}	29, 38.481, 66.909
Yxy	5.9746, 0.5020, 0.4226
Android (android.graphics.Color)	4284889866 (0xFF663B0A)
YUV	66.2710, -27.7416, 31.3343
Hunter-Lab	24.4430, 9.0609, 14.5238

Details

The Hex color **663B0A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A3566**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9D6A39**, and **321100** is the 20% darker color. If you saturate the color by 10%, you get **663600**, and if you desaturate by 10%, it is **664014**.

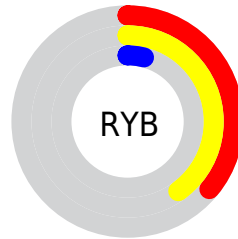
Distribution



Red (40%)

Green (23%)

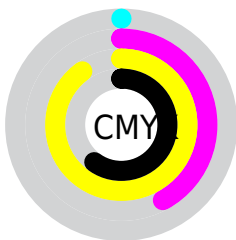
Blue (4%)



Red (36%)

Yellow (40%)

Blue (4%)

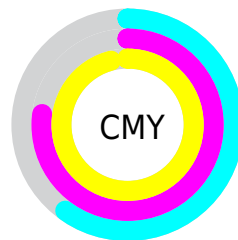


Cyan (0%)

Magenta (42%)

Yellow (90%)

Black (60%)



Cyan (60%)

Magenta (77%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663B0A 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 663B0A by changing the saturation by 10% instead.

 663B0A

 663B0A

 FFFFFF1

 4C2500

 9D6A39

 321100

 BA8451

 190001

 D79E6A

 000000

 F4B983

 FFD49E

 FFF1B9

 FFFF5D

 663B0A

 663B0A

■ 663600

■ 664014

■ 66451E

■ 664929

■ 664E33

■ 66533D

■ 665847

■ 665C51

■ 66615C

■ 666666

Harmonies

Analogous

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



762E23



663B0A



4D4600

Triad

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



663B0A



00534B



4F3A75

Complementary

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



663B0A



0A3566

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.



004681



663B0A



005268

Square

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



663B0A



00512C



004E7C



6E2D5D

Rectangle

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



663B0A



394B08



004E7C



3F3F7B

Sweetspot

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



663B0A



857461



660A36



42382D



C2C2C2



424242

Same Dimension

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



663B0A



854700



64660A



33312E



733D00



F28100

Inverse Universe

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



0A3566



003E85



0C0A66



2E3033



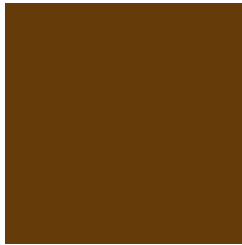
003673



0071F2

Previews

White Background



This preview shows how the Hex color 663B0A looks on a white background.

Color Contrast Check

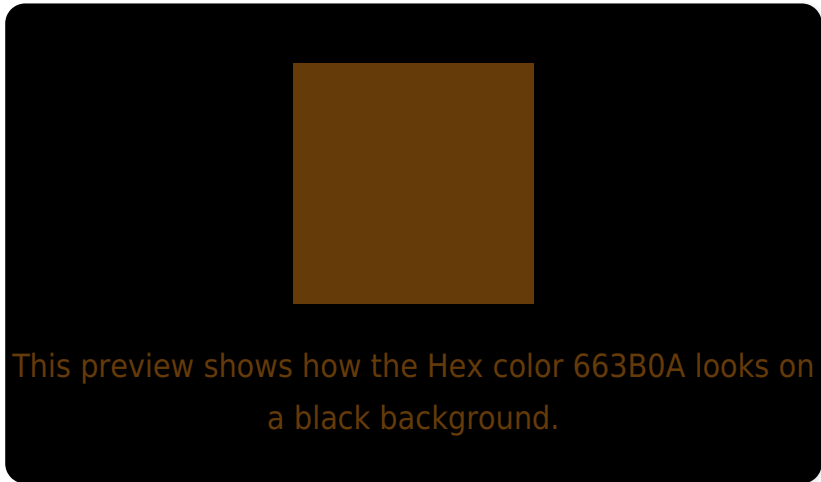
Large Text (above 18pt) WCAG AA ✓ Pass

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 663B0A Background



This preview shows how black text looks on a background with the Hex color 663B0A.



This preview shows how white text looks on a background with the Hex color 663B0A.

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
663B0A

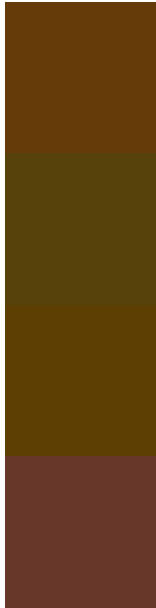
Protanopia
4F460D

Deuteranopia
584200



Tritanopia
68373B

Trichromacy



Original Color
663B0A

Protanomaly
57420C

Deuteranomaly
5D3F04

Tritanomaly
673829

Monochromacy



Original Color
663B0A

Achromatopsia
424242

Achromatomaly
4F3F2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 663B0A 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 #663B0A looks like.

```
.text, #text, p{  
    color:#663B0A  
}
```

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 #663B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663B0A
}
```

Border

The CSS property to change the border of an element to Hex 663B0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

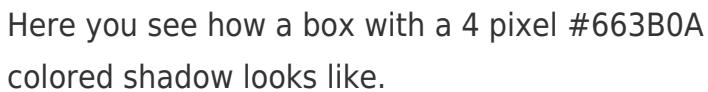
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663B0A }
```

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

```
.border{ border-color:#663B0A }
```

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



Here you see how a box with a 4 pixel #663B0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663B0A; -webkit-box-shadow:4px 4px  
4px 4px #663B0A; box-shadow:4px 4px 4px  
4px #663B0A }
```

Background

The CSS property to change the background color of an element to Hex 663B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663B0A }
```

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

```
.background{ background-color:#663B0A }
```

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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