

Converting Colors

Hex(673A16)

Have a look what the booklet for
Hex(673A16) contains.

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Color

Hex(673A16)

Conversions

Conversions Part 1

Format	Color
Hex	673A16
RGB	103, 58, 22
RGB Percent	40%, 23%, 9%
CMY	0.5961, 0.7725, 0.9137
CMYK	0.00, 0.44, 0.79, 0.60
HSL	27°, 65%, 25%
HSV	27°, 79%, 40%
XYZ	7.2514, 5.9676, 1.5287
YIQ	67.3510, 38.3760, -1.6560

Conversions

Conversions Part 2

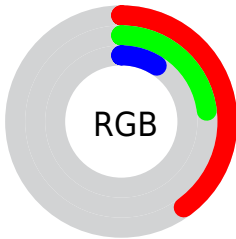
Format	Color
RYB	103, 87, 22
Decimal	6765078
CIELab	29.33, 16.67, 29.91
CIELCh	29, 34.241, 60.862
Yxy	5.9676, 0.4917, 0.4046
Android (android.graphics.Color)	4284955158 (0xFF673A16)
YUV	67.3510, -22.3580, 31.2642
Hunter-Lab	24.4287, 10.2356, 13.3898

Details

The Hex color **673A16** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **164367**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9E6A43**, and **330F00** is the 20% darker color. If you saturate the color by 10%, you get **67340C**, and if you desaturate by 10%, it is **674020**.

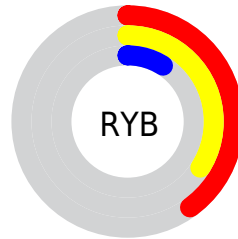
Distribution



Red (40%)

Green (23%)

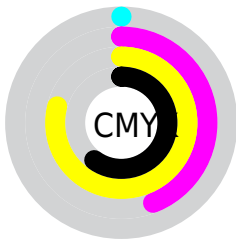
Blue (9%)



Red (40%)

Yellow (34%)

Blue (9%)

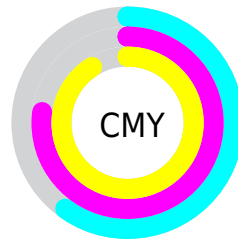


Cyan (0%)

Magenta (44%)

Yellow (79%)

Black (60%)



Cyan (60%)

Magenta (77%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 673A16 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 673A16 by changing the saturation by 10% instead.

 673A16

 673A16

FFFFFFD

 4D2400

 9E6A43

 330F00

 BA835B

 1B0001

 D79D74

 000000

 F4B88E

 FFD4A8

 FFF0C4

 FFFFEO

 673A16

 673A16

■ 67340C

■ 674020

■ 672F01

■ 67452B

■ 672E00

■ 674B35

■ 67513F

■ 67574A

■ 675C54

■ 67625E

■ 676868

■ 676E73

Harmonies

Analogous

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



73302B



673A16



52440A

Triad

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



673A16



005245



463E73

Complementary

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



673A16



164367

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.



00487A



673A16



005160

Square

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



673A16



0D502A



004E73



66335F

Rectangle

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



673A16



41490E



004E73



374177

Sweetspot

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



673A16



877567



671644



453A31



C4C4C4



454545

Same Dimension

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



673A16



874108



676216



33302E



733300



F26C00

Inverse Universe

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



164367



084F87



161B67



2E3133



004073



0087F2

Previews

White Background



This preview shows how the Hex color 673A16 looks on a white background.

Color Contrast Check

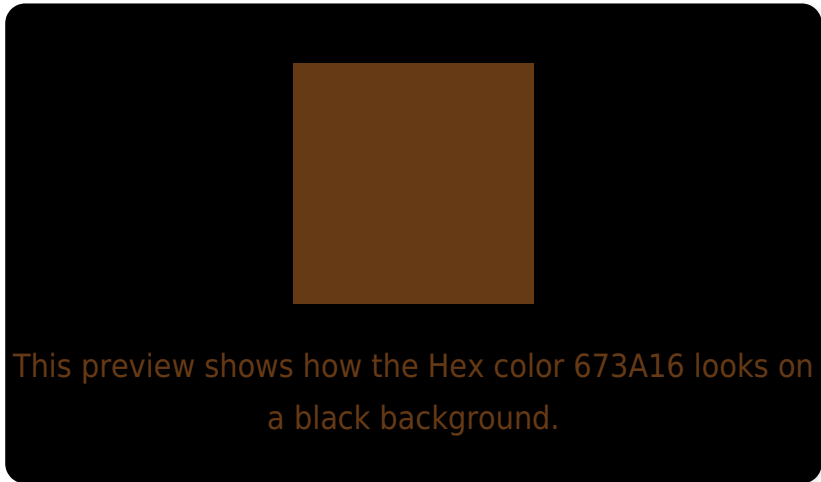
Large Text (above 18pt) WCAG AA ✓ Pass

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

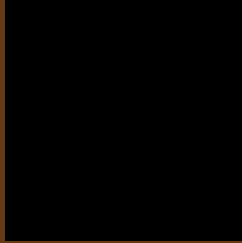
Any Text WCAG AA × Fail

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 673A16 Background



This preview shows how black text looks on a background with the Hex color 673A16.



This preview shows how white text looks on a background with the Hex color 673A16.

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
673A16

Protanopia
4E4619

Deuteranopia
584213



Tritanopia
69363A

Trichromacy



Original Color
673A16

Protanomaly
574218

Deuteranomaly
5D3F14

Tritanomaly
68372D

Monochromacy



Original Color
673A16

Achromatopsia
434343

Achromatomaly
504033

CSS Examples

Text

The CSS property to change the color of the text to Hex 673A16 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 #673A16 looks like.

```
.text, #text, p{  
    color:#673A16  
}
```

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 #673A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673A16
}
```

Border

The CSS property to change the border of an element to Hex 673A16 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
#673A16 }
```

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

```
.border{ border-color:#673A16 }
```

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

Here you see how a box with a 4 pixel #673A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673A16; -webkit-box-shadow:4px 4px  
4px 4px #673A16; box-shadow:4px 4px 4px  
4px #673A16 }
```

Background

The CSS property to change the background color of an element to Hex 673A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673A16 }
```

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

```
.background{ background-color:#673A16 }
```

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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