

Converting Colors

Hex(672C02)

Have a look what the booklet for
Hex(672C02) contains.

Hex(672C02)	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(672C02)

Conversions

Conversions Part 1

Format	Color
Hex	672C02
RGB	103, 44, 2
RGB Percent	40%, 17%, 1%
CMY	0.5961, 0.8275, 0.9922
CMYK	0.00, 0.57, 0.98, 0.60
HSL	25°, 96%, 21%
HSV	25°, 98%, 40%
XYZ	6.5052, 4.6893, 0.6197
YIQ	56.8530, 48.6460, -0.5540

Conversions

Conversions Part 2

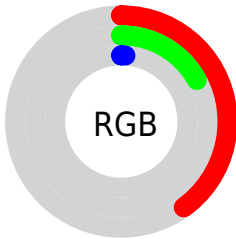
Format	Color
RYB	103, 74, 2
Decimal	6761474
CIELab	25.83, 24.22, 35.67
CIElCh	26, 43.117, 55.826
Yxy	4.6893, 0.5506, 0.3969
Android (android.graphics.Color)	4284951554 (0xFF672C02)
YUV	56.8530, -27.0425, 40.4709
Hunter-Lab	21.6548, 15.7259, 13.4617

Details

The Hex color **672C02** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **023D67**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **9F5B31**, and **310000** is the 20% darker color. If you saturate the color by 10%, you get **672B00**, and if you desaturate by 10%, it is **67320C**.

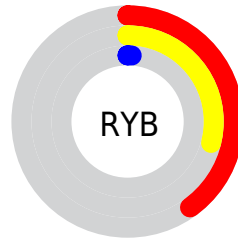
Distribution



Red (40%)

Green (17%)

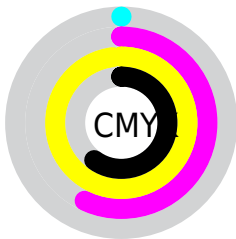
Blue (1%)



Red (40%)

Yellow (29%)

Blue (1%)

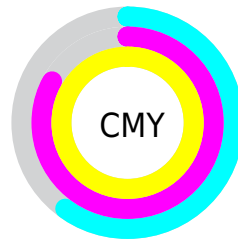


Cyan (0%)

Magenta (57%)

Yellow (98%)

Black (60%)



Cyan (60%)

Magenta (83%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 672C02 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 672C02 by changing the saturation by 10% instead.

 672C02

 672C02

 FFFFE7

 4C1600

 9F5B31

 310000

 BC7449

 0F0000

 DA8E61

 000000

 F8A97A

 FFC494

 FFE0AF

 FFFDCB

 672C02

 672C02

■ 672B00

■ 67320C

■ 673817

■ 673E21

■ 67442B

■ 674A35

■ 675040

■ 67564A

■ 675C54

■ 67625F

Harmonies

Analogous

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



751C23



672C02



503A00

Triad

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



672C02



004B37



303679

Complementary

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



672C02



023D67

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.



00437F



672C02



004C59

Square

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



672C02



004915



004973



5F2562

Rectangle

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



672C02



3C4100



004973



0A3B7D

Sweetspot

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



672C02



877060



67023F



45372D



C4C4C4



454545

Same Dimension

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



672C02



873800



675D02



33302E



733000



F26500

Inverse Universe

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



023D67



004F87



020C67



2E3133



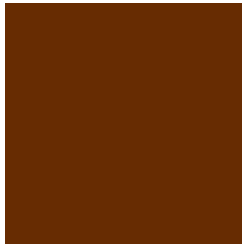
004373



008EF2

Previews

White Background



This preview shows how the Hex color 672C02 looks on a white background.

Color Contrast Check

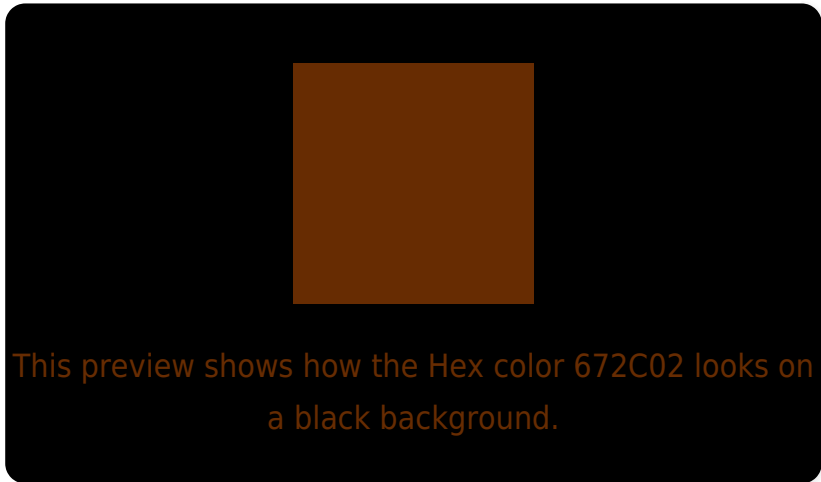
Large Text (above 18pt) WCAG AA ✓ Pass

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

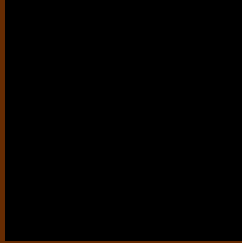
Any Text WCAG AA × Fail

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 672C02 Background



This preview shows how black text looks on a background with the Hex color 672C02.



This preview shows how white text looks on a background with the Hex color 672C02.

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
672C02

Protanopia
463E0A

Deuteranopia
4F3B00



Tritanopia
68292C

Trichromacy



Original Color
672C02

Protanomaly
523707

Deuteranomaly
583601

Tritanomaly
682A1D

Monochromacy



Original Color
672C02

Achromatopsia
393939

Achromatomaly
4A3425

CSS Examples

Text

The CSS property to change the color of the text to Hex 672C02 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 #672C02 looks like.

```
.text, #text, p{  
    color:#672C02  
}
```

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 #672C02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #672C02
}
```

Border

The CSS property to change the border of an element to Hex 672C02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

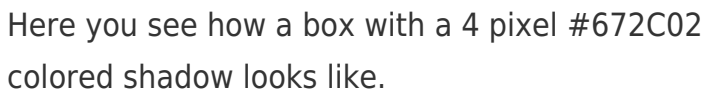
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#672C02 }
```

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

```
.border{ border-color:#672C02 }
```

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



Here you see how a box with a 4 pixel #672C02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #672C02; -webkit-box-shadow:4px 4px  
4px 4px #672C02; box-shadow:4px 4px 4px  
4px #672C02 }
```

Background

The CSS property to change the background color of an element to Hex 672C02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#672C02 }
```

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

```
.background{ background-color:#672C02 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor