

Converting Colors

Hex(682C0A)

Have a look what the booklet for
Hex(682C0A) contains.

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Color

Hex(682C0A)

Conversions

Conversions Part 1

Format	Color
Hex	682C0A
RGB	104, 44, 10
RGB Percent	41%, 17%, 4%
CMY	0.5922, 0.8275, 0.9608
CMYK	0.00, 0.58, 0.90, 0.59
HSL	22°, 82%, 22%
HSV	22°, 90%, 41%
XYZ	6.6644, 4.7663, 0.8559
YIQ	58.0640, 46.6740, 2.1460

Conversions

Conversions Part 2

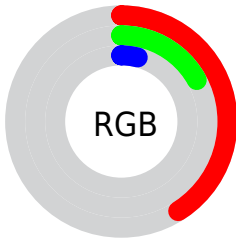
Format	Color
RYB	104, 63, 10
Decimal	6827018
CIELab	26.06, 24.89, 32.69
CIElCh	26, 41.085, 52.708
Yxy	4.7663, 0.5424, 0.3879
Android (android.graphics.Color)	4285017098 (0xFF682C0A)
YUV	58.0640, -23.6956, 40.2859
Hunter-Lab	21.8319, 16.2828, 12.9579

Details

The Hex color **682C0A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A4668**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A05B37**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **682600**, and if you desaturate by 10%, it is **683314**.

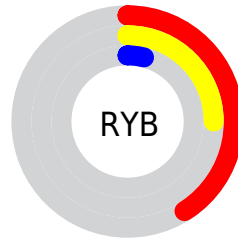
Distribution



Red (41%)

Green (17%)

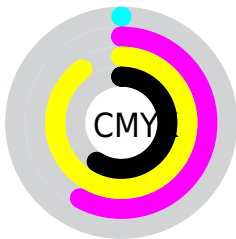
Blue (4%)



Red (41%)

Yellow (25%)

Blue (4%)

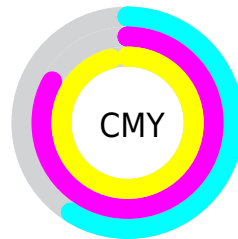


Cyan (0%)

Magenta (58%)

Yellow (90%)

Black (59%)



Cyan (59%)

Magenta (83%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682C0A 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 682C0A by changing the saturation by 10% instead.

 682C0A

 682C0A

 FFFFEE

 4D1500

 A05B37

 320000

 BD744F

 120000

 DB8E67

 000000

 F9A981

 FFC49B

 FFE0B6

 FFFDD2

 682C0A

 682C0A

■ 682600

■ 683314

■ 68391F

■ 684029

■ 684734

■ 684D3E

■ 685448

■ 685A53

■ 68615D

■ 686868

Harmonies

Analogous

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



741E28



682C0A



523A00

Triad

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



682C0A



004B35



2B3978

Complementary

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



682C0A



0A4668

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.



00447C



682C0A



004C55

Square

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



682C0A



014914



004A6F



5B2964

Rectangle

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



682C0A



404000



004A6F



003D7B

Sweetspot

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



682C0A



877063



680A47



45372F



C4C4C4



454545

Same Dimension

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



682C0A



873100



685A0A



33302E



732A00



F25800

Inverse Universe

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



0A4668



005687



0A1868



2E3133



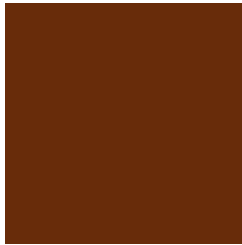
004973



009BF2

Previews

White Background



This preview shows how the Hex color 682C0A 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 682C0A Background



This preview shows how black text looks on a background with the Hex color 682C0A.



This preview shows how white text looks on a background with the Hex color 682C0A.

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
682C0A

Protanopia
473F0F

Deuteranopia
4F3B00



Tritanopia
69292C

Trichromacy



Original Color
682C0A

Protanomaly
53380D

Deuteranomaly
583604

Tritanomaly
692A20

Monochromacy



Original Color
682C0A

Achromatopsia
3A3A3A

Achromatomaly
4B3529

CSS Examples

Text

The CSS property to change the color of the text to Hex 682C0A 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 #682C0A looks like.

```
.text, #text, p{  
    color:#682C0A  
}
```

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 #682C0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682C0A
}
```

Border

The CSS property to change the border of an element to Hex 682C0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

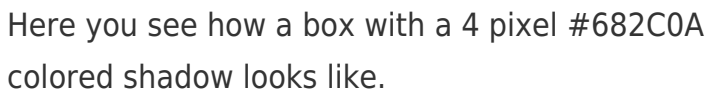
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#682C0A }
```

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

```
.border{ border-color:#682C0A }
```

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



Here you see how a box with a 4 pixel #682C0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682C0A; -webkit-box-shadow:4px 4px  
4px 4px #682C0A; box-shadow:4px 4px 4px  
4px #682C0A }
```

Background

The CSS property to change the background color of an element to Hex 682C0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682C0A }
```

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

```
.background{ background-color:#682C0A }
```

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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