

Converting Colors

Hex(682F0D)

Have a look what the booklet for
Hex(682F0D) contains.

Hex(682F0D)	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(682F0D)

Conversions

Conversions Part 1

Format	Color
Hex	682F0D
RGB	104, 47, 13
RGB Percent	41%, 18%, 5%
CMY	0.5922, 0.8157, 0.9490
CMYK	0.00, 0.55, 0.87, 0.59
HSL	22°, 78%, 23%
HSV	22°, 88%, 41%
XYZ	6.7981, 5.0051, 0.9886
YIQ	60.1670, 44.8860, 1.5100

Conversions

Conversions Part 2

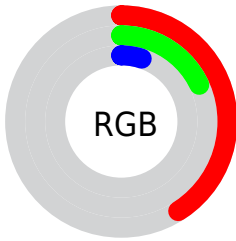
Format	Color
R_{YB}	104, 67, 13
Decimal	6827789
CIE Lab	26.75, 23.28, 31.98
CIE LCh	27, 39.560, 53.945
Yxy	5.0051, 0.5314, 0.3913
Android (android.graphics.Color)	4285017869 (0xFF682F0D)
YUV	60.1670, -23.2533, 38.4415
Hunter-Lab	22.3722, 15.0883, 13.0407

Details

The Hex color **682F0D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D4668**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A05E3A**, and **330300** is the 20% darker color. If you saturate the color by 10%, you get **682803**, and if you desaturate by 10%, it is **683617**.

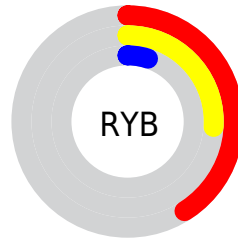
Distribution



Red (41%)

Green (18%)

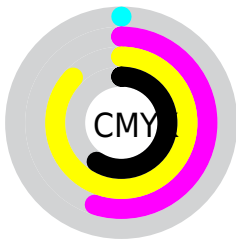
Blue (5%)



Red (41%)

Yellow (26%)

Blue (5%)

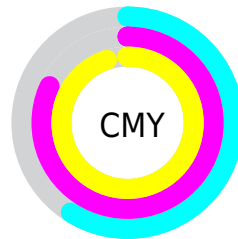


Cyan (0%)

Magenta (55%)

Yellow (87%)

Black (59%)



Cyan (59%)

Magenta (82%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 682F0D 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 682F0D by changing the saturation by 10% instead.

 682F0D

 682F0D

 FFFFF1

 4D1900

 A05E3A

 330300

 BD7751

 150000

 DA916A

 000000

 F8AC84

 FFC89E

 FFE4B9

 FFFFD5

 682F0D

 682F0D

■ 682803

■ 683617

■ 682700

■ 683C22

■ 68432C

■ 684937

■ 685041

■ 68564B

■ 685D56

■ 686360

■ 686A6B

Harmonies

Analogous

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



742229



682F0D



533C00

Triad

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



682F0D



004D38



313A77

Complementary

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



682F0D



0D4668

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.



00457C



682F0D



004D57

Square

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



682F0D



054A19



004B70



5D2B63

Rectangle

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



682F0D



404200



004B70



143E7A

Sweetspot

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



682F0D



877164



680D47



453730



C4C4C4



454545

Same Dimension

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



682F0D



873200



685C0D



33302E



732B00



F25B00

Inverse Universe

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



0D4668



005587



0D1968



2E3133



004873



0098F2

Previews

White Background



This preview shows how the Hex color 682F0D looks on a white background.

Color Contrast Check

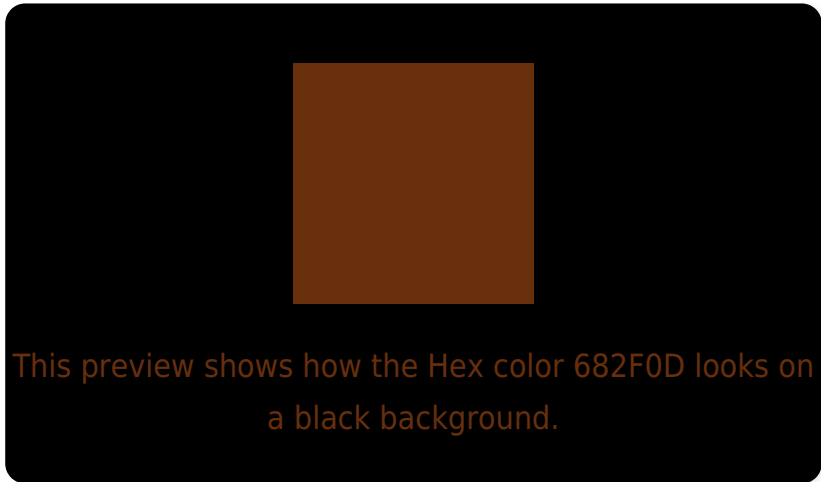
Large Text (above 18pt) WCAG AA ✓ Pass

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

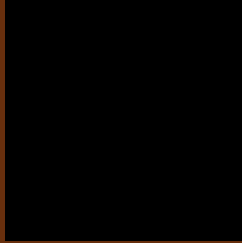
Any Text WCAG AA × Fail

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 682F0D Background



This preview shows how black text looks on a background with the Hex color 682F0D.



This preview shows how white text looks on a background with the Hex color 682F0D.

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
682F0D

Protanopia
484011

Deuteranopia
513D00



Tritanopia
692C2F

Trichromacy



Original Color
682F0D

Protanomaly
543A10

Deuteranomaly
593805

Tritanomaly
692D23

Monochromacy



Original Color
682F0D

Achromatopsia
3C3C3C

Achromatomaly
4C372B

CSS Examples

Text

The CSS property to change the color of the text to Hex 682F0D 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 #682F0D looks like.

```
.text, #text, p{  
    color:#682F0D  
}
```

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 #682F0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #682F0D  
}
```

Border

The CSS property to change the border of an element to Hex 682F0D 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  
#682F0D }
```

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

```
.border{ border-color:#682F0D }
```

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

Here you see how a box with a 4 pixel #682F0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #682F0D; -webkit-box-shadow:4px 4px  
4px 4px #682F0D; box-shadow:4px 4px 4px  
4px #682F0D }
```

Background

The CSS property to change the background color of an element to Hex 682F0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#682F0D }
```

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

```
.background{ background-color:#682F0D }
```

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