

Converting Colors

Hex(681C08)

Have a look what the booklet for
Hex(681C08) contains.

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Color

Hex(681C08)

Conversions

Conversions Part 1

Format	Color
Hex	681C08
RGB	104, 28, 8
RGB Percent	41%, 11%, 3%
CMY	0.5922, 0.8902, 0.9686
CMYK	0.00, 0.73, 0.92, 0.59
HSL	12°, 86%, 22%
HSV	12°, 92%, 41%
XYZ	6.1680, 3.7911, 0.6364
YIQ	48.4440, 51.7160, 9.8920

Conversions

Conversions Part 2

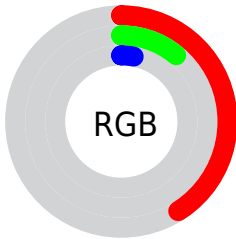
Format	Color
R_{YB}	104, 33, 8
Decimal	6822920
CIE Lab	22.97, 32.96, 30.50
CIE LCh	23, 44.905, 42.778
Yxy	3.7911, 0.5821, 0.3578
Android (android.graphics.Color)	4285013000 (0xFF681C08)
YUV	48.4440, -19.9389, 48.7226
Hunter-Lab	19.4707, 22.4720, 11.6916

Details

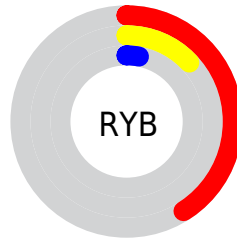
The Hex color **681C08** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **085468**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A14D35**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **681600**, and if you desaturate by 10%, it is **682412**.

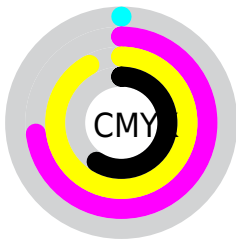
Distribution



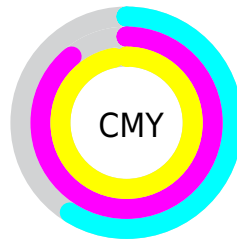
- Red (41%)
- Green (11%)
- Blue (3%)



- Red (41%)
- Yellow (13%)
- Blue (3%)



- Cyan (0%)
- Magenta (73%)
- Yellow (92%)
- Black (59%)



- Cyan (59%)
- Magenta (89%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 681C08 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 681C08 by changing the saturation by 10% instead.

 681C08

 681C08

 FFFFEA

 4C0100

 A14D35

 320000

 BE664C

 070000

 DC8064

 000000

 FA9A7D

 FFB697

 FFD2B2

 FFEECE

 681C08

 681C08

■ 681600

■ 682412

■ 682C1D

■ 683527

■ 683D32

■ 68453C

■ 684D46

■ 685651

■ 685E5B

■ 686666

Harmonies

Analogous

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



70072A



681C08



542E00

Triad

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



681C08



004422



003679

Complementary

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



681C08



085468

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.



004077



681C08



004545

Square

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



681C08



0B4100



004464



492669

Rectangle

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



681C08



423600



004464



003A7B

Sweetspot

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



681C08



876961



680855



45322D



C4C4C4



454545

Same Dimension

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



681C08



871C00



684B08



332F2E



731800



F23200

Inverse Universe

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



085468



006B87



082568



2E3233



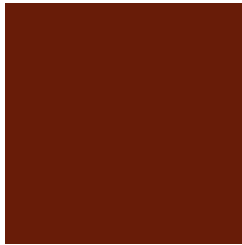
005B73



00C0F2

Previews

White Background



This preview shows how the Hex color 681C08 looks on a white background.

Color Contrast Check

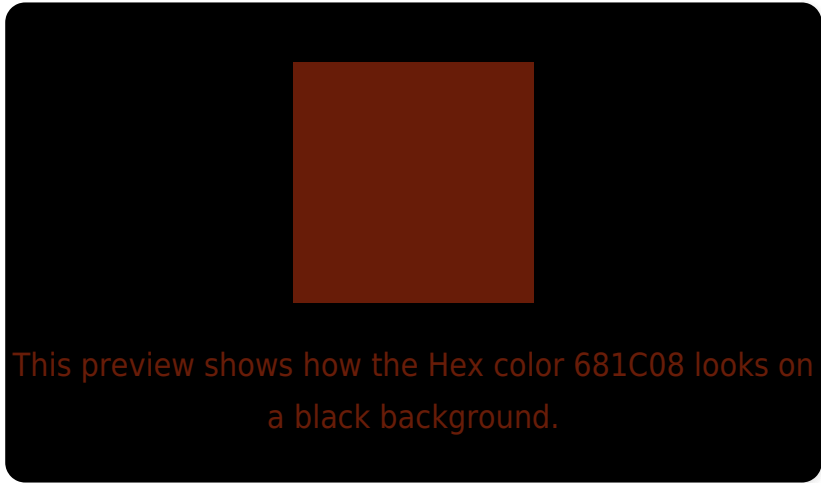
Large Text (above 18pt) WCAG AA ✓ Pass

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

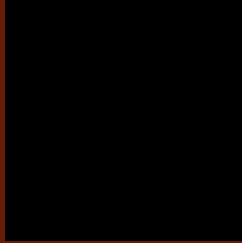
Any Text WCAG AA × Fail

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 681C08 Background



This preview shows how black text looks on a background with the Hex color 681C08.



This preview shows how white text looks on a background with the Hex color 681C08.

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
681C08

Protanopia
3F390F

Deuteranopia
473600



Tritanopia
681A1B

Trichromacy



Original Color
681C08

Protanomaly
4E2E0C

Deuteranomaly
532D03

Tritanomaly
681B14

Monochromacy



Original Color
681C08

Achromatopsia
303030

Achromatomaly
442921

CSS Examples

Text

The CSS property to change the color of the text to Hex 681C08 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 #681C08 looks like.

```
.text, #text, p{  
    color:#681C08  
}
```

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 #681C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681C08 }  
}
```

Border

The CSS property to change the border of an element to Hex 681C08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

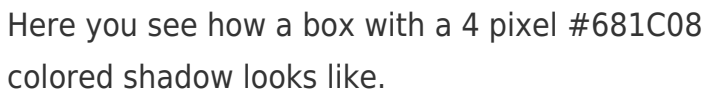
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #681C08 }  
}
```

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

```
.border{ border-color:#681C08 }
```

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



Here you see how a box with a 4 pixel #681C08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681C08; -webkit-box-shadow:4px 4px  
4px 4px #681C08; box-shadow:4px 4px 4px  
4px #681C08 }
```

Background

The CSS property to change the background color of an element to Hex 681C08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681C08 }
```

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

```
.background{ background-color:#681C08 }
```

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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