

Converting Colors

Hex(684308)

Have a look what the booklet for
Hex(684308) contains.

Hex(684308)	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(684308)

Conversions

Conversions Part 1

Format	Color
Hex	684308
RGB	104, 67, 8
RGB Percent	41%, 26%, 3%
CMY	0.5922, 0.7373, 0.9686
CMYK	0.00, 0.36, 0.92, 0.59
HSL	37°, 86%, 22%
HSV	37°, 92%, 41%
XYZ	7.7599, 6.9749, 1.1670
YIQ	71.3370, 40.9910, -10.5050

Conversions

Conversions Part 2

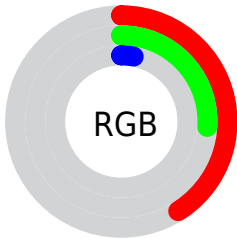
Format	Color
RYB	68, 104, 8
Decimal	6832904
CIELab	31.75, 11.09, 38.23
CIELCh	32, 39.807, 73.823
Yxy	6.9749, 0.4880, 0.4386
Android (android.graphics.Color)	4285022984 (0xFF684308)
YUV	71.3370, -31.2251, 28.6455
Hunter-Lab	26.4100, 6.2300, 15.8671

Details

The Hex color **684308** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **082D68**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9F7339**, and **341800** is the 20% darker color. If you saturate the color by 10%, you get **684000**, and if you desaturate by 10%, it is **684712**.

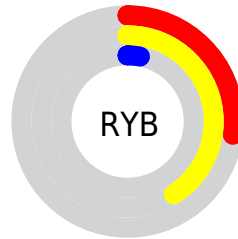
Distribution



Red (41%)

Green (26%)

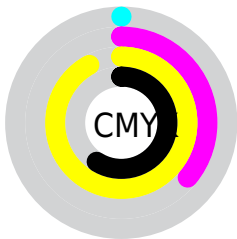
Blue (3%)



Red (27%)

Yellow (41%)

Blue (3%)

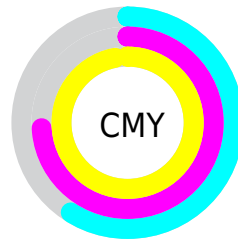


Cyan (0%)

Magenta (36%)

Yellow (92%)

Black (59%)



Cyan (59%)

Magenta (74%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684308 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 684308 by changing the saturation by 10% instead.

 684308

 684308

 FFFFF2

 4E2D00

 9F7339

 341800

 BC8C51

 1C0000

 D9A76A

 000000

 F6C284

 FFDE9E

 FFFABA

 FFFFD6

 684308

 684308

■ 684000

■ 684712

■ 684B1D

■ 684F27

■ 685332

■ 68573C

■ 685B46

■ 685F51

■ 68635B

■ 686766

Harmonies

Analogous

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



7B3621



684308



4D4E03

Triad

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



684308



005959



5E3C78

Complementary

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



684308



082D68

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.



254988



684308



005875

Square

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



684308



005838



005387



7A2F5D

Rectangle

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



684308



365311



005387



50417F

Sweetspot

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



684308



877961



68082E



453C2D



C4C4C4



454545

Same Dimension

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



684308



875300



5E6808



33312E



734700



F29500

Inverse Universe

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



082D68



003487



120868



2E3033



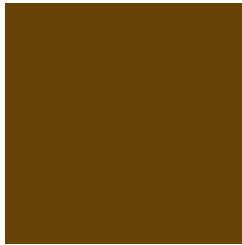
002C73



005DF2

Previews

White Background



This preview shows how the Hex color 684308 looks on a white background.

Color Contrast Check

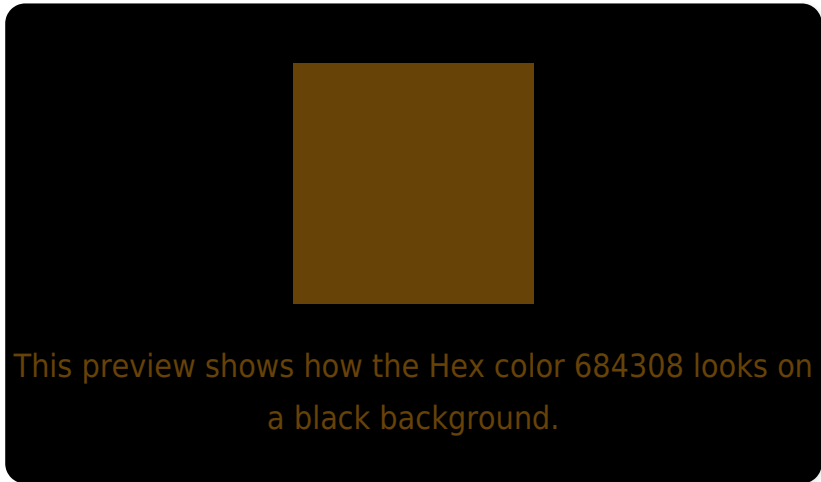
Large Text (above 18pt) WCAG AA ✓ Pass

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

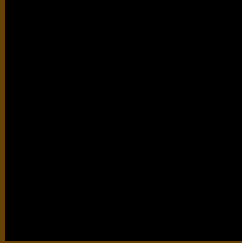
Any Text WCAG AA × Fail

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 684308 Background



This preview shows how black text looks on a background with the Hex color 684308.



This preview shows how white text looks on a background with the Hex color 684308.

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
684308

Protanopia
554B0B

Deuteranopia
5F4700



Tritanopia
6B3E43

Trichromacy



Original Color
684308

Protanomaly
5C480A

Deuteranomaly
624603

Tritanomaly
6A402E

Monochromacy



Original Color
684308

Achromatopsia
474747

Achromatomaly
534630

CSS Examples

Text

The CSS property to change the color of the text to Hex 684308 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 #684308 looks like.

```
.text, #text, p{  
    color:#684308  
}
```

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 #684308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684308
}
```

Border

The CSS property to change the border of an element to Hex 684308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

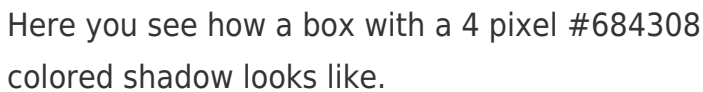
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684308 }
```

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

```
.border{ border-color:#684308 }
```

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



Here you see how a box with a 4 pixel #684308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684308; -webkit-box-shadow:4px 4px  
4px 4px #684308; box-shadow:4px 4px 4px  
4px #684308 }
```

Background

The CSS property to change the background color of an element to Hex 684308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684308 }
```

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

```
.background{ background-color:#684308 }
```

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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