

Converting Colors

Hex(684400)

Have a look what the booklet for
Hex(684400) contains.

Hex(684400)	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(684400)

Conversions

Conversions Part 1

Format	Color
Hex	684400
RGB	104, 68, 0
RGB Percent	41%, 27%, 0%
CMY	0.5922, 0.7333, 1.0000
CMYK	0.00, 0.35, 1.00, 0.59
HSL	39°, 100%, 20%
HSV	39°, 100%, 41%
XYZ	7.7760, 7.0773, 0.9562
YIQ	71.0120, 43.2840, -13.5160

Conversions

Conversions Part 2

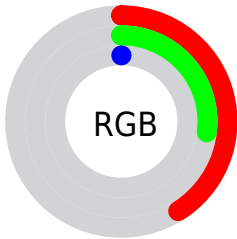
Format	Color
RYB	55, 104, 0
Decimal	6833152
CIELab	31.98, 10.24, 41.46
CIELCh	32, 42.710, 76.130
Yxy	7.0773, 0.4919, 0.4477
Android (android.graphics.Color)	4285023232 (0xFF684400)
YUV	71.0120, -35.0089, 28.9305
Hunter-Lab	26.6032, 5.6195, 16.4911

Details

The Hex color **684400** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002468**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9F7433**, and **331900** is the 20% darker color. If you saturate the color by 10%, you get **684400**, and if you desaturate by 10%, it is **68480A**.

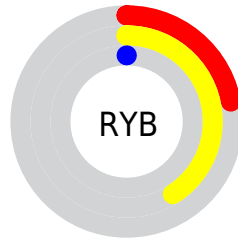
Distribution



Red (41%)

Green (27%)

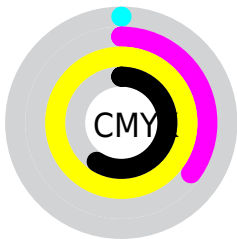
Blue (0%)



Red (22%)

Yellow (41%)

Blue (0%)

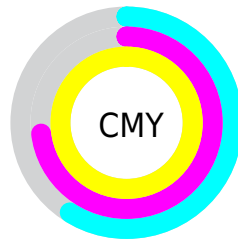


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684400 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 684400 by changing the saturation by 10% instead.

 684400

 684400

 FFFFEC

 4E2E00

 9F7433

 331900

 BC8D4B

 1C0000

 D9A864

 000000

 F7C37E

 FFDF99

 FFFBB4

 FFFF00

 684400

■ 68480A

■ 684B15

■ 684F1F

■ 68522A

■ 685634

■ 685A3E

■ 685D49

■ 686153

■ 68645E

Harmonies

Analogous

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



7E351C



684400



4A4F00

Triad

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



684400



005B5D



633A7A

Complementary

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



684400



002468

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.



27498C



684400



00597B

Square

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



684400



005A3A



00548D



7F2B5C

Rectangle

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



684400



31540E



00548D



543F82

Sweetspot

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



684400



87795F



680024



453C2C



C4C4C4



454545

Same Dimension

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



684400



875800



586800



33312E



734B00



F29E00

Inverse Universe

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



002468



002F87



100068



2E3033



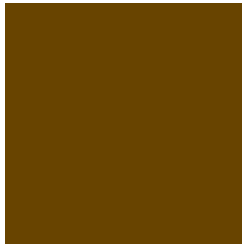
002873



0054F2

Previews

White Background



This preview shows how the Hex color 684400 looks on a white background.

Color Contrast Check

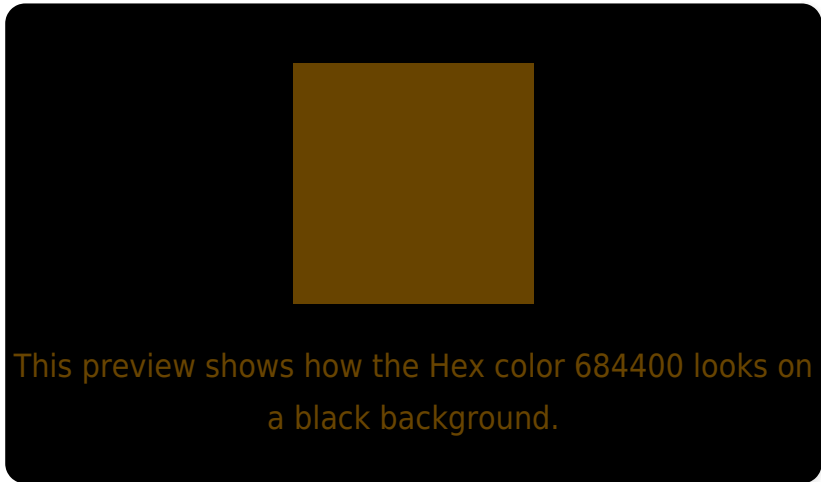
Large Text (above 18pt) WCAG AA ✓ Pass

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 684400 Background



This preview shows how black text looks on a background with the Hex color 684400.



This preview shows how white text looks on a background with the Hex color 684400.

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
684400

Protanopia
564C07

Deuteranopia
604800



Tritanopia
6B3F44

Trichromacy



Original Color
684400

Protanomaly
5D4904

Deuteranomaly
634700

Tritanomaly
6A412B

Monochromacy



Original Color
684400

Achromatopsia
474747

Achromatomaly
53462D

CSS Examples

Text

The CSS property to change the color of the text to Hex 684400 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 #684400 looks like.

```
.text, #text, p{  
    color:#684400  
}
```

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 #684400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684400
}
```

Border

The CSS property to change the border of an element to Hex 684400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

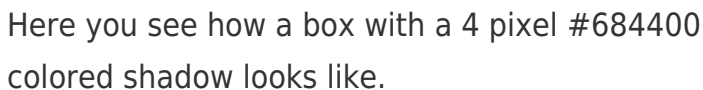
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684400 }
```

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

```
.border{ border-color:#684400 }
```

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



Here you see how a box with a 4 pixel #684400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684400; -webkit-box-shadow:4px 4px  
4px 4px #684400; box-shadow:4px 4px 4px  
4px #684400 }
```

Background

The CSS property to change the background color of an element to Hex 684400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684400 }
```

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

```
.background{ background-color:#684400 }
```

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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