

Converting Colors

Hex(683114)

Have a look what the booklet for
Hex(683114) contains.

Hex(683114)	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(683114)

Conversions

Conversions Part 1

Format	Color
Hex	683114
RGB	104, 49, 20
RGB Percent	41%, 19%, 8%
CMY	0.5922, 0.8078, 0.9216
CMYK	0.00, 0.53, 0.81, 0.59
HSL	21°, 68%, 24%
HSV	21°, 81%, 41%
XYZ	6.9335, 5.1902, 1.2982
YIQ	62.1390, 42.0890, 2.6410

Conversions

Conversions Part 2

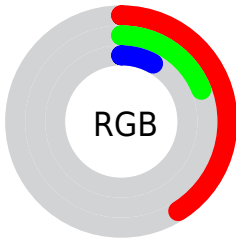
Format	Color
R_{YB}	104, 64, 20
Decimal	6828308
CIE _{Lab}	27.27, 22.41, 28.91
CIE _{LCh}	27, 36.581, 52.222
Yxy	5.1902, 0.5166, 0.3867
Android (android.graphics.Color)	4285018388 (0xFF683114)
YUV	62.1390, -20.7745, 36.7121
Hunter-Lab	22.7820, 14.4565, 12.5689

Details

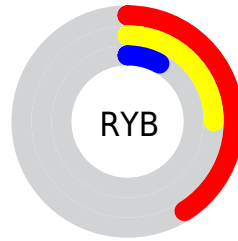
The Hex color **683114** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **144B68**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9F6040**, and **330500** is the 20% darker color. If you saturate the color by 10%, you get **682A0A**, and if you desaturate by 10%, it is **68381E**.

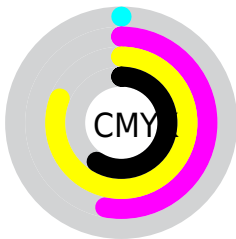
Distribution



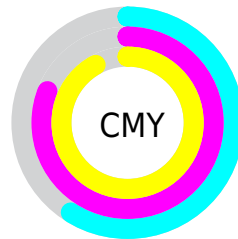
- Red (41%)
- Green (19%)
- Blue (8%)



- Red (41%)
- Yellow (25%)
- Blue (8%)



- Cyan (0%)
- Magenta (53%)
- Yellow (81%)
- Black (59%)



- Cyan (59%)
- Magenta (81%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683114 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 683114 by changing the saturation by 10% instead.

 683114

 683114

 FFFFF9

 4E1B00

 9F6040

 330500

 BC7958

 170000

 D99371

 000000

 F7AE8B

 FFCAA5

 FFE6C0

 FFFFDC

 683114

 683114

■ 682A0A

■ 68381E

■ 682400

■ 683F29

■ 684533

■ 684C3E

■ 685348

■ 685A52

■ 68615D

■ 686767

■ 686E72

Harmonies

Analogous

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



72262D



683114



543D01

Triad

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



683114



004D38



323C75

Complementary

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



683114



144B68

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.



004678



683114



004D55

Square

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



683114



144A1C



004B6C



5B2F63

Rectangle

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



683114



444301



004B6C



194077

Sweetspot

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



683114



877267



68144C



453831



C4C4C4



454545

Same Dimension

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



683114



873104



685A14



33302E



732800



F25400

Inverse Universe

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



144B68



045A87



142268



2E3133



004B73



009FF2

Previews

White Background



This preview shows how the Hex color 683114 looks on a white background.

Color Contrast Check

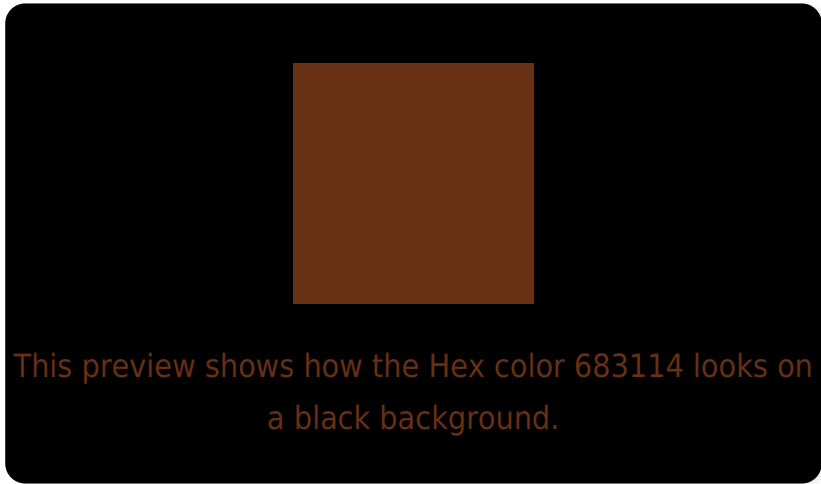
Large Text (above 18pt) WCAG AA ✓ Pass

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

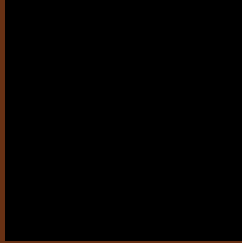
Any Text WCAG AA × Fail

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 683114 Background



This preview shows how black text looks on a background with the Hex color 683114.



This preview shows how white text looks on a background with the Hex color 683114.

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
683114

Protanopia
494118

Deuteranopia
523E0F



Tritanopia
692E31

Trichromacy



Original Color
683114

Protanomaly
543B17

Deuteranomaly
5A3911

Tritanomaly
692F26

Monochromacy



Original Color
683114

Achromatopsia
3E3E3E

Achromatomaly
4D392F

CSS Examples

Text

The CSS property to change the color of the text to Hex 683114 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 #683114 looks like.

```
.text, #text, p{  
    color:#683114  
}
```

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 #683114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683114
}
```

Border

The CSS property to change the border of an element to Hex 683114 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".

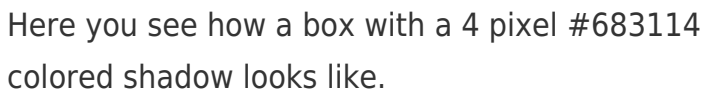
```
.border, #border, table{ border:4px solid
#683114 }
```

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

```
.border{ border-color:#683114 }
```

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

Here you see how a box with a 4 pixel #683114 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683114; -webkit-box-shadow:4px 4px  
4px 4px #683114; box-shadow:4px 4px 4px  
4px #683114 }
```

Background

The CSS property to change the background color of an element to Hex 683114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683114 }
```

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

```
.background{ background-color:#683114 }
```

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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