

Converting Colors

Hex(C68641)

Have a look what the booklet for
Hex(C68641) contains.

Hex(C68641)	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(C68641)

Conversions

Conversions Part 1

Format	Color
Hex	C68641
RGB	198, 134, 65
RGB Percent	78%, 53%, 25%
CMY	0.2235, 0.4745, 0.7451
CMYK	0.00, 0.32, 0.67, 0.22
HSL	31°, 54%, 52%
HSV	31°, 67%, 78%
XYZ	32.7679, 29.4376, 8.9560
YIQ	145.2700, 60.2930, -7.8910

Conversions

Conversions Part 2

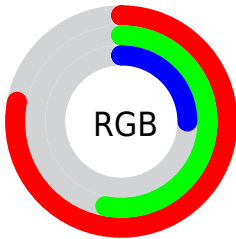
Format	Color
R_{YB}	188, 198, 65
Decimal	13010497
CIE Lab	61.17, 17.98, 46.07
CIE LCh	61, 49.452, 68.674
Yxy	29.4376, 0.4605, 0.4137
Android (android.graphics.Color)	4291200577 (0xFFC68641)
YUV	145.2700, -39.5731, 46.2442
Hunter-Lab	54.2564, 12.8555, 28.1926

Details

The Hex color **C68641** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4181C6**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFBB74**, and **8C540E** is the 20% darker color. If you saturate the color by 10%, you get **C67C2D**, and if you desaturate by 10%, it is **C69055**.

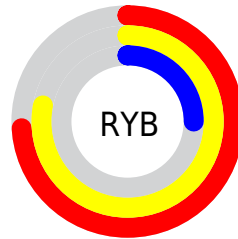
Distribution



Red (78%)

Green (53%)

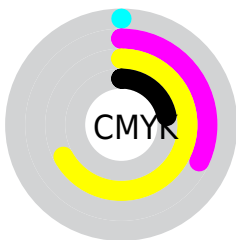
Blue (25%)



Red (74%)

Yellow (78%)

Blue (25%)

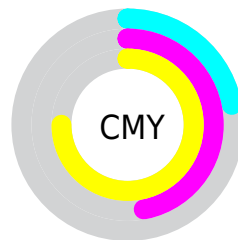


Cyan (0%)

Magenta (32%)

Yellow (67%)

Black (22%)



Cyan (22%)

Magenta (47%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C68641 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 C68641 by changing the saturation by 10% instead.

 C68641

 C68641

FFFFFF

 A96D28

 FFBB74

 8C540E

 FFD78E

 703D00

 FFF3A9

 542700

 FFFFFC5

 391200

 FFFFFE1

 220000

FFFFFFE

 000000

 C68641

 C68641

 C67C2D

 C69055

 C67319

 C69969

 C66906

 C6A37C

 C66700

 C6AC90

 C6B6A4

 C6BFB8

 C6C9CC

 C6D2DF

 C6DCF3

Harmonies

Analogous

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



DF765F



C68641



A19539

Triad

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



C68641



00AA9F



A783D8

Complementary

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



C68641



4181C6

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.



5C94EA



C68641



00A8C9

Square

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



C68641



2BA772



00A1E5



D373B4

Rectangle

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



C68641



829D43



00A1E5



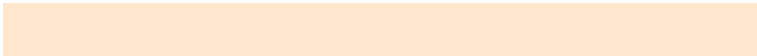
9389E1

Sweetspot

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



C68641



FFE6CC



C64181



807161



000000



808080

Same Dimension

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



C68641



FF9C30



C4C641



635F5A



A35500



241300

Inverse Universe

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



4181C6



3094FF



4341C6



5A5E63



004FA3



001124

Previews

White Background



This preview shows how the Hex color C68641 looks on a white background.

Color Contrast Check

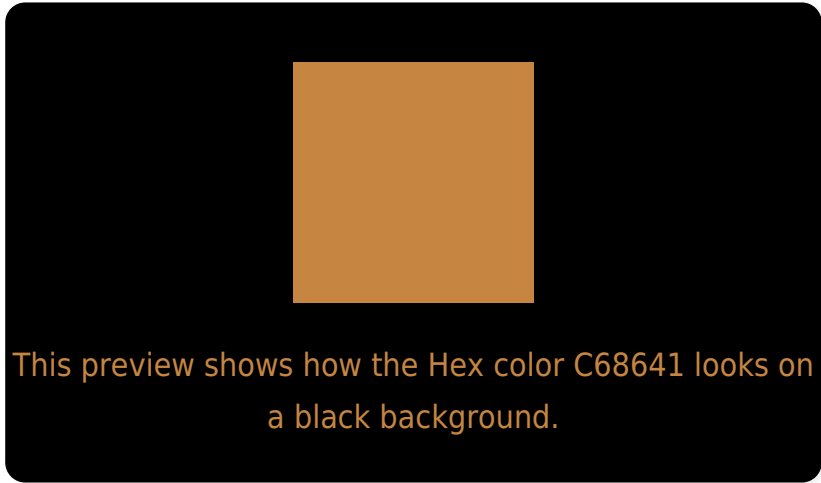
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

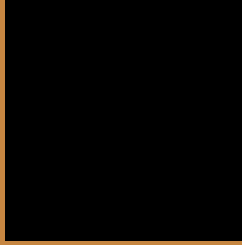
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C68641 Background



This preview shows how black text looks on a background with the Hex color C68641.



This preview shows how white text looks on a background with the Hex color C68641.

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





Tritanopia
CB7E88

Trichromacy



Original Color
C68641

Protanomaly
B08F44

Deuteranomaly
BD8A40

Tritanomaly
C9816E

Monochromacy



Original Color
C68641

Achromatopsia
919191

Achromatomaly
A48D74

CSS Examples

Text

The CSS property to change the color of the text to Hex C68641 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 #C68641 looks like.

```
.text, #text, p{  
    color:#C68641  
}
```

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 #C68641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68641
}
```

Border

The CSS property to change the border of an element to Hex C68641 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
#C68641 }
```

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

```
.border{ border-color:#C68641 }
```

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

Here you see how a box with a 4 pixel #C68641 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68641; -webkit-box-shadow:4px 4px  
4px 4px #C68641; box-shadow:4px 4px 4px  
4px #C68641 }
```

Background

The CSS property to change the background color of an element to Hex C68641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68641 }
```

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

```
.background{ background-color:#C68641 }
```

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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