

Converting Colors

Hex(C66938)

Have a look what the booklet for
Hex(C66938) contains.

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Color

Hex(C66938)

Conversions

Conversions Part 1

Format	Color
Hex	C66938
RGB	198, 105, 56
RGB Percent	78%, 41%, 22%
CMY	0.2235, 0.5882, 0.7804
CMYK	0.00, 0.47, 0.72, 0.22
HSL	21°, 56%, 50%
HSV	21°, 72%, 78%
XYZ	29.0541, 22.3944, 6.5326
YIQ	127.2210, 71.1570, 4.4770

Conversions

Conversions Part 2

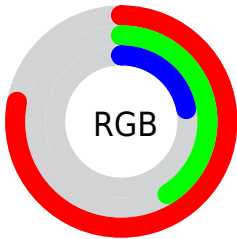
Format	Color
R_{YB}	198, 131, 56
Decimal	13003064
CIE Lab	54.44, 33.18, 43.16
CIE LCh	54, 54.439, 52.445
Yxy	22.3944, 0.5011, 0.3862
Android (android.graphics.Color)	4291193144 (0xFFC66938)
YUV	127.2210, -35.1120, 62.0732
Hunter-Lab	47.3228, 26.7763, 24.9413

Details

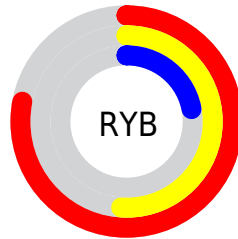
The Hex color **C66938** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3895C6**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9D69**, and **8A3707** is the 20% darker color. If you saturate the color by 10%, you get **C65C24**, and if you desaturate by 10%, it is **C6764C**.

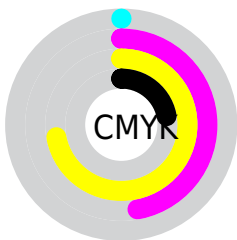
Distribution



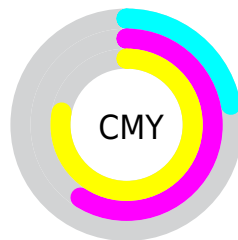
- Red (78%)
- Green (41%)
- Blue (22%)



- Red (78%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (47%)
- Yellow (72%)
- Black (22%)



- Cyan (22%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C66938 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 C66938 by changing the saturation by 10% instead.

 C66938

 C66938

FFFFFF

 A85020

 FF9D69

 8A3707

 FFB983

 6E1F00

 FFD59D

 510400

 FFF1B9

 360000

 FFFFFD5

 150000

 FFFFFF1

 000000

 C66938

 C66938

 C65C24

 C6764C

 C64F10

 C68360

 C64400

 C69073

 C69D87

 C6AA9B

 C6B7AF

 C6C4C3

 C6D1D6

 C6DEEA

Harmonies

Analogous

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



D75961



C66938



A57C1B

Triad

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



C66938



009874



6D7BDA

Complementary

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



C66938



3895C6

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.



008BE0



C66938



0099A5

Square

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



C66938



3C9346



0095CC



B066BC

Rectangle

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



C66938



88861B



0095CC



4981DE

Sweetspot

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



C66938



FFDAC7



C63897



806A5E



000000



808080

Same Dimension

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



C66938



FF6F24



C6AE38



635D5A



A33800



240C00

Inverse Universe

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



3895C6



24B3FF



3850C6



5A6063



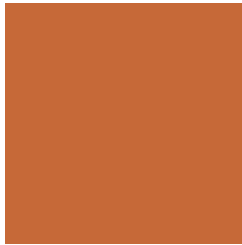
006BA3



001724

Previews

White Background



This preview shows how the Hex color C66938 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

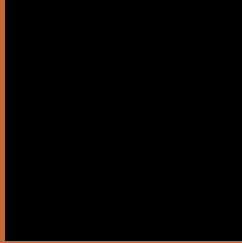
Any Text WCAG AA ✓ Pass

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 C66938 Background



This preview shows how black text looks on a background with the Hex color C66938.




This preview shows how white text looks on a background with the Hex color C66938.

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
C9636A

Trichromacy



Original Color
C66938

Protanomaly
A47A3D

Deuteranomaly
B07535

Tritanomaly
C86558

Monochromacy



Original Color
C66938

Achromatopsia
7F7F7F

Achromatomaly
997765

CSS Examples

Text

The CSS property to change the color of the text to Hex C66938 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 #C66938 looks like.

```
.text, #text, p{  
    color:#C66938  
}
```

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 #C66938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66938
}
```

Border

The CSS property to change the border of an element to Hex C66938 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
#C66938 }
```

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

```
.border{ border-color:#C66938 }
```

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

Here you see how a box with a 4 pixel #C66938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66938; -webkit-box-shadow:4px 4px  
4px 4px #C66938; box-shadow:4px 4px 4px  
4px #C66938 }
```

Background

The CSS property to change the background color of an element to Hex C66938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66938 }
```

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

```
.background{ background-color:#C66938 }
```

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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