

Converting Colors

Hex(CC6618)

Have a look what the booklet for
Hex(CC6618) contains.

Hex(CC6618)	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(CC6618)

Conversions

Conversions Part 1

Format	Color
Hex	CC6618
RGB	204, 102, 24
RGB Percent	80%, 40%, 9%
CMY	0.2000, 0.6000, 0.9059
CMYK	0.00, 0.50, 0.88, 0.20
HSL	26°, 79%, 45%
HSV	26°, 88%, 80%
XYZ	29.8181, 22.4061, 3.6174
YIQ	123.6060, 85.8300, -2.6340

Conversions

Conversions Part 2

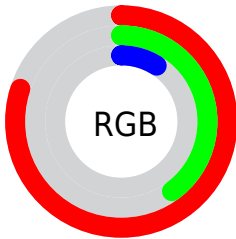
Format	Color
RYB	204, 162, 24
Decimal	13395480
CIELab	54.46, 36.06, 57.18
CIElCh	54, 67.599, 57.765
Yxy	22.4061, 0.5340, 0.4012
Android (android.graphics.Color)	4291585560 (0xFFCC6618)
YUV	123.6060, -49.1058, 70.5055
Hunter-Lab	47.3350, 29.6074, 28.6036

Details

The Hex color **CC6618** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **187ECC**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9B4D**, and **8F3400** is the 20% darker color. If you saturate the color by 10%, you get **CC5A04**, and if you desaturate by 10%, it is **CC722C**.

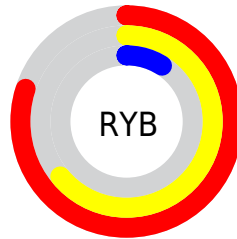
Distribution



Red (80%)

Green (40%)

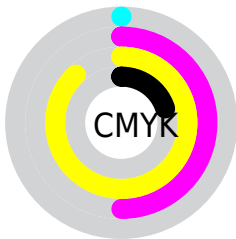
Blue (9%)



Red (80%)

Yellow (64%)

Blue (9%)

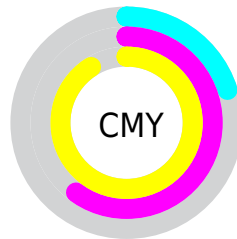


Cyan (0%)

Magenta (50%)

Yellow (88%)

Black (20%)



Cyan (20%)

Magenta (60%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC6618 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 CC6618 by changing the saturation by 10% instead.

 CC6618

 CC6618


FFFFFF

 AD4D00

 FF9B4D

 8F3400

 FFB667

 711B00

 FFD281

 540000

 FFEE9C

 380000

 FFFF8

 190001

 FFFFD4

 000000

 FFFFF1

 CC6618

 CC6618

■ CC5A04

■ CC722C

■ CC5800

■ CC7D41

■ CC8955

■ CC946A

■ CCA07E

■ CCAB92

■ CCB7A7

■ CCC2BB

■ CCCED0

Harmonies

Analogous

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



E64B50



CC6618



A07E00

Triad

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



CC6618



009C7C



7575EB

Complementary

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



CC6618



187ECC

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.



008BF8



CC6618



009CB7

Square

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



CC6618



00983F



0097E5



C357C2

Rectangle

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



CC6618



7C8A00



0097E5



467DF3

Sweetspot

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



CC6618



FFD9BD



CC187E



806958



000000



808080

Same Dimension

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



CC6618



FF6F00



CCC018



66605C



A64800



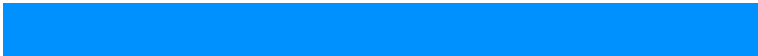
261100

Inverse Universe

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



187ECC



0091FF



1824CC



5C6266



005EA6



001626

Previews

White Background



This preview shows how the Hex color CC6618 looks on a white background.

Color Contrast Check

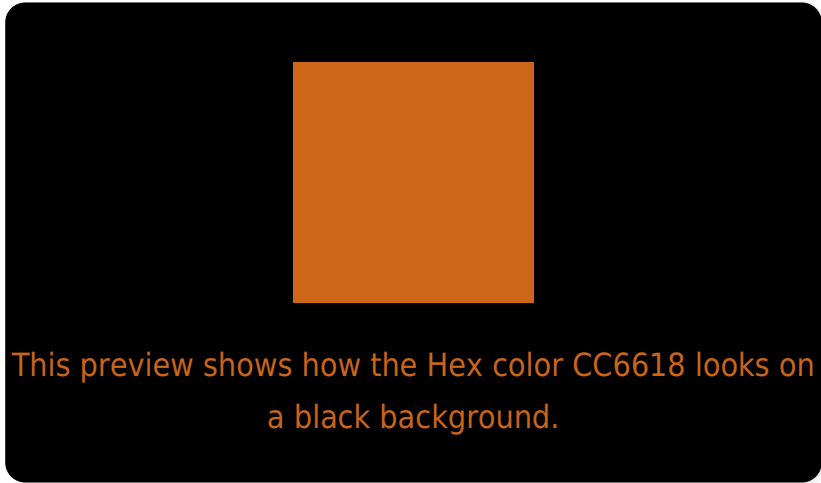
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC6618 Background



This preview shows how black text looks on a background with the Hex color CC6618.



This preview shows how white text looks on a background with the Hex color CC6618.

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
CC6618

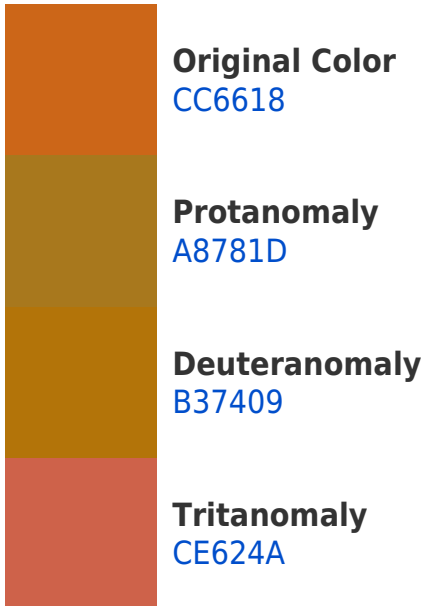
Protanopia
938320

Deuteranopia
A57C00



Tritanopia
CF5F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC6618 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 #CC6618 looks like.

```
.text, #text, p{  
    color:#CC6618  
}
```

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 #CC6618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC6618
}
```

Border

The CSS property to change the border of an element to Hex CC6618 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
#CC6618 }
```

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

```
.border{ border-color:#CC6618 }
```

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

Here you see how a box with a 4 pixel #CC6618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC6618; -webkit-box-shadow:4px 4px  
4px 4px #CC6618; box-shadow:4px 4px 4px  
4px #CC6618 }
```

Background

The CSS property to change the background color of an element to Hex CC6618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC6618 }
```

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

```
.background{ background-color:#CC6618 }
```

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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