

# Converting Colors

Hex(CC6221)

Have a look what the booklet for  
Hex(CC6221) contains.

|  |    |
|--|----|
| <b>Hex(CC6221)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(CC6221)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CC6221                    |
| RGB           | 204, 98, 33               |
| RGB Percent   | 80%, 38%, 13%             |
| CMY           | 0.2000, 0.6157, 0.8706    |
| CMYK          | 0.00, 0.52, 0.84, 0.20    |
| HSL           | 23°, 72%, 46%             |
| HSV           | 23°, 84%, 80%             |
| XYZ           | 29.5440, 21.6825, 4.0669  |
| YIQ           | 122.2840, 84.0410, 2.2570 |

# Conversions

## Conversions Part 2

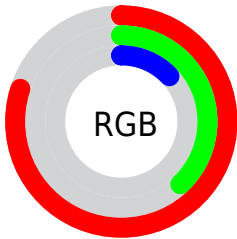
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">204, 138, 33</a>                                 |
| Decimal                             | <a href="#">13394465</a>                                     |
| CIELab                              | <a href="#">53.69, 38.32, 53.30</a>                          |
| CIElCh                              | <a href="#">54, 65.642, 54.287</a>                           |
| Yxy                                 | <a href="#">21.6825, 0.5343, 0.3921</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4291584545</a><br>( <a href="#">0xFFCC6221</a> ) |
| YUV                                 | <a href="#">122.2840, -44.0170, 71.6649</a>                  |
| Hunter-Lab                          | <a href="#">46.5645, 31.7659, 27.4169</a>                    |

# Details

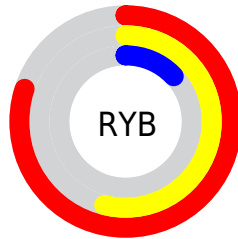
The Hex color **CC6221** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **218BCC**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9754**, and **8F2F00** is the 20% darker color. If you saturate the color by 10%, you get **CC550D**, and if you desaturate by 10%, it is **CC6F35**.

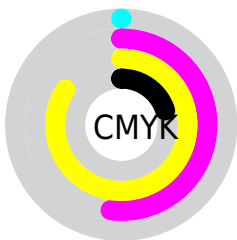
# Distribution



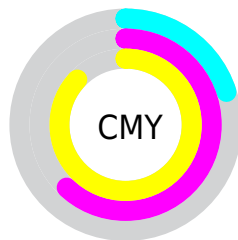
- Red (80%)
- Green (38%)
- Blue (13%)



- Red (80%)
- Yellow (54%)
- Blue (13%)



- Cyan (0%)
- Magenta (52%)
- Yellow (84%)
- Black (20%)



- Cyan (20%)
- Magenta (62%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC6221 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 CC6221 by changing the saturation by 10% instead.



 CC6221

 CC6221

FFFFFF

 AD4902

 FF9754

 8F2F00

 FFB26D

 711500

 FFCE88

 530000

 FFEAA3

 380000

 FFFFBE

 170000

 FFFFDA

 000000

 FFFFF7

 CC6221

 CC6221

■ CC550D

■ CC6F35

■ CC4E00

■ CC7B4A

■ CC885E

■ CC9573

■ CCA187

■ CCAE9B

■ CCBBB0

■ CCC7C4

■ CCD4D9

# Harmonies

## Analogous

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



E24955



CC6221



A37A00

# Triad

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



CC6221



009973



6776E8

# Complementary

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



CC6221



218BCC

# 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.



008AF2



CC6221



009AAD

# Square

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



CC6221



049539



0096DC



B95AC3

# Rectangle

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



CC6221



818600



0096DC



2E7EEF



# Sweetspot

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



CC6221



FFD7BF



CC218D



806859



000000



808080



# Same Dimension

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



CC6221



FF6100



CCB521



66605C



A63F00



260F00

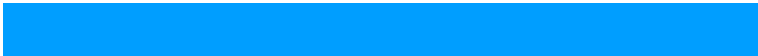


# Inverse Universe

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



218BCC



009EFF



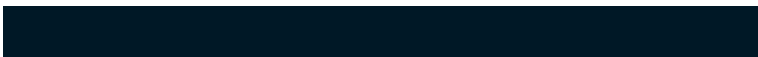
2138CC



5C6266



0067A6

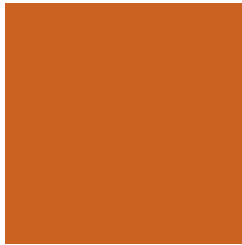


001826



# Previews

## White Background



This preview shows how the Hex color CC6221 looks on a white background.

## Color Contrast Check

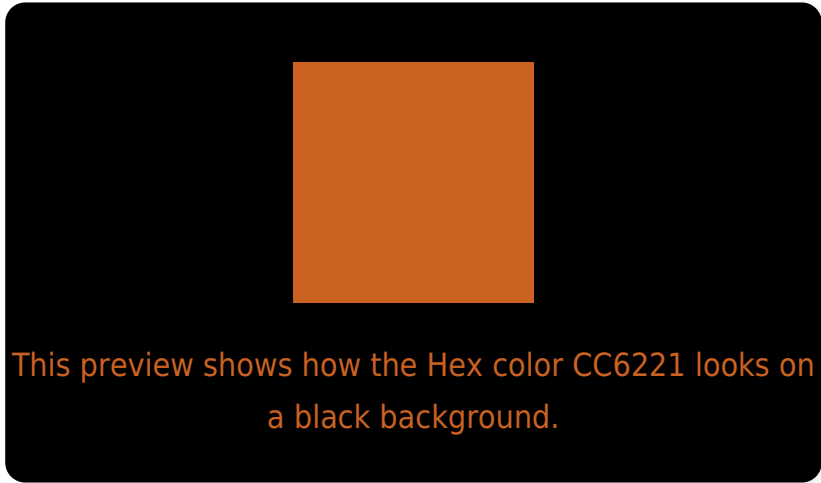
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC6221 Background



This preview shows how black text looks on a background with the Hex color CC6221.



This preview shows how white text looks on a background with the Hex color CC6221.

# 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**  
CC6221

**Protanopia**  
908129

**Deuteranopia**  
A37A15



# Trichromacy



**Original Color**  
CC6221

**Protanomaly**  
A67626

**Deuteranomaly**  
B27119

**Tritanomaly**  
CE5E4A

# Monochromacy



**Original Color**  
CC6221

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
98715A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC6221 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 #CC6221 looks like.

```
.text, #text, p{  
    color:#CC6221  
}
```

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 #CC6221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC6221
}
```

## Border

The CSS property to change the border of an element to Hex CC6221 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
#CC6221 }
```

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

```
.border{ border-color:#CC6221 }
```

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

Here you see how a box with a 4 pixel #CC6221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC6221; -webkit-box-shadow:4px 4px  
4px 4px #CC6221; box-shadow:4px 4px 4px  
4px #CC6221 }
```

# Background

The CSS property to change the background color of an element to Hex CC6221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC6221 }
```

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

```
.background{ background-color:#CC6221 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor