

# Converting Colors

Hex(C65D22)

Have a look what the booklet for  
Hex(C65D22) contains.

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**Color**

**Hex(C65D22)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C65D22
RGB	198, 93, 34
RGB Percent	78%, 36%, 13%
CMY	0.2235, 0.6353, 0.8667
CMYK	0.00, 0.53, 0.83, 0.22
HSL	22°, 71%, 45%
HSV	22°, 83%, 78%
XYZ	27.4918, 19.9500, 3.9151
YIQ	117.6690, 81.5190, 3.9110

# Conversions

## Conversions Part 2

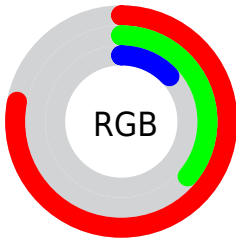
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 126, 34
Decimal	12999970
CIE Lab	51.78, 38.51, 50.85
CIE LCh	52, 63.787, 52.863
Yxy	19.9500, 0.5353, 0.3885
Android (android.graphics.Color)	4291190050 (0xFFC65D22)
YUV	117.6690, -41.2488, 70.4503
Hunter-Lab	44.6654, 31.7033, 26.0687

# Details

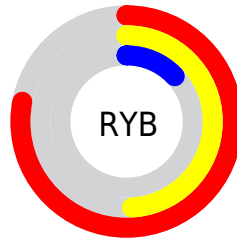
The Hex color **C65D22** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **228BC6**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF9154**, and **892A00** is the 20% darker color. If you saturate the color by 10%, you get **C6500E**, and if you desaturate by 10%, it is **C66A36**.

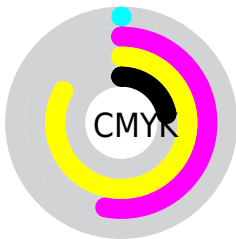
# Distribution



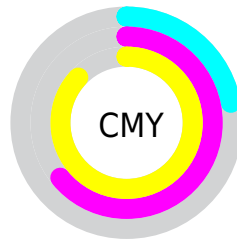
- Red (78%)
- Green (36%)
- Blue (13%)



- Red (78%)
- Yellow (49%)
- Blue (13%)



- Cyan (0%)
- Magenta (53%)
- Yellow (83%)
- Black (22%)



- Cyan (22%)
- Magenta (64%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C65D22 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 C65D22 by changing the saturation by 10% instead.



 C65D22

 C65D22

FFFFFF

 A74405

 FF9154

 892A00

 FFAD6D

 6B0F00

 FFC887

 4E0000

 FFE5A2

 340001

 FFFFBE

 080000

 FFFFFDA

 000000

 FFFFFF7

 C65D22

 C65D22

 C6500E

 C66A36

 C64700

 C6764A

 C6835D

 C69071

 C69C85

 C6A999

 C6B6AD

 C6C2C0

 C6CFD4

# Harmonies

## Analogous

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



DB4555



C65D22



9F7400

# Triad

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



C65D22



00936C



5D73E1

# Complementary

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



C65D22



228BC6

# 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.



0086E8



C65D22



0094A4

# Square

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



C65D22



148F34



0090D2



B058BE

# Rectangle

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



C65D22



7F8000



0090D2



1D7AE7



# Sweetspot

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



C65D22



FFD6BF



C6228D



806759



000000



808080



# Same Dimension

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



C65D22



FF5D03



C6AD22



635D5A



A33B00



240D00



# Inverse Universe

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



228BC6



03A4FF



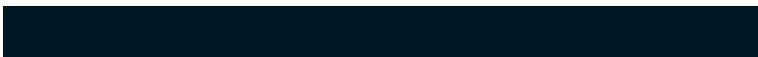
223BC6



5A6063



0068A3



001724



# Previews

## White Background



This preview shows how the Hex color C65D22 looks on a white background.

## Color Contrast Check

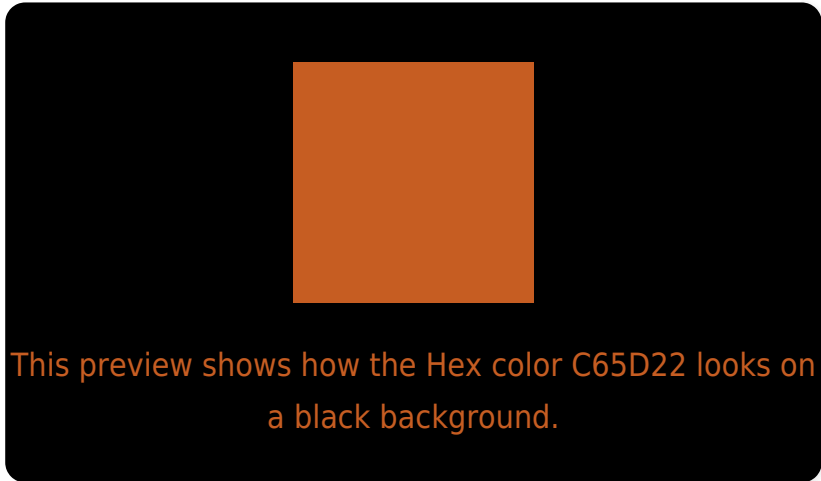
Large Text (above 18pt) WCAG AA ✓ Pass

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 C65D22 Background



This preview shows how black text looks on a background with the Hex color C65D22.

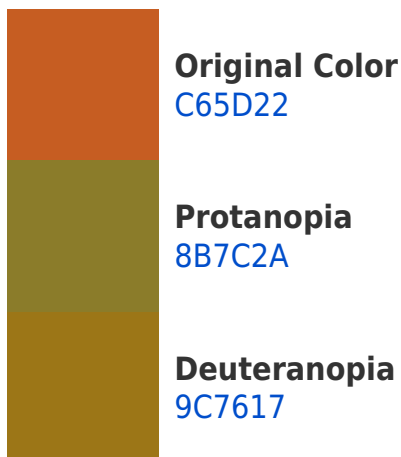


This preview shows how white text looks on a background with the Hex color C65D22.

# 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**  
C8575D

# Trichromacy



**Original Color**  
C65D22

**Protanomaly**  
A07127

**Deuteranomaly**  
AB6D1B

**Tritanomaly**  
C75948

# Monochromacy



**Original Color**  
C65D22

**Achromatopsia**  
767676

**Achromatomaly**  
936D57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C65D22 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 #C65D22 looks like.

```
.text, #text, p{  
    color:#C65D22  
}
```

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 #C65D22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C65D22
}
```

## Border

The CSS property to change the border of an element to Hex C65D22 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
#C65D22 }
```

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

```
.border{ border-color:#C65D22 }
```

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

Here you see how a box with a 4 pixel #C65D22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C65D22; -webkit-box-shadow:4px 4px  
4px 4px #C65D22; box-shadow:4px 4px 4px  
4px #C65D22 }
```

# Background

The CSS property to change the background color of an element to Hex C65D22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C65D22 }
```

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

```
.background{ background-color:#C65D22 }
```

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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