

Converting Colors

Hex(C65B21)

Have a look what the booklet for
Hex(C65B21) contains.

| | |
|--|----|
| Hex(C65B21) | 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(C65B21)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C65B21 |
| RGB | 198, 91, 33 |
| RGB Percent | 78%, 36%, 13% |
| CMY | 0.2235, 0.6431, 0.8706 |
| CMYK | 0.00, 0.54, 0.83, 0.22 |
| HSL | 21°, 71%, 45% |
| HSV | 21°, 83%, 78% |
| XYZ | 27.3043, 19.5977, 3.7825 |
| YIQ | 116.3810, 82.3900, 4.6460 |

Conversions

Conversions Part 2

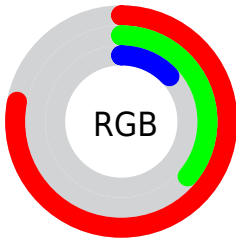
| Format | Color |
|-------------------------------------|--|
| RYB | 198, 122, 33 |
| Decimal | 12999457 |
| CIELab | 51.38, 39.49, 50.91 |
| CIElCh | 51, 64.430, 52.204 |
| Yxy | 19.5977, 0.5387, 0.3867 |
| Android (android.graphics.Color) | 4291189537 (0xFFC65B21) |
| YUV | 116.3810, -41.1068, 71.5799 |
| Hunter-Lab | 44.2693, 32.6233, 25.9226 |

Details

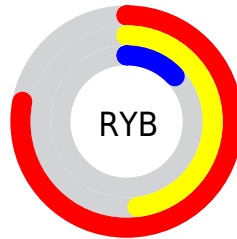
The Hex color **C65B21** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **218CC6**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8F53**, and **892800** is the 20% darker color. If you saturate the color by 10%, you get **C64E0D**, and if you desaturate by 10%, it is **C66835**.

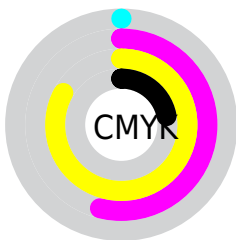
Distribution



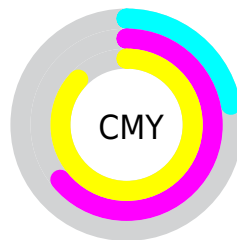
- Red (78%)
- Green (36%)
- Blue (13%)



- Red (78%)
- Yellow (48%)
- Blue (13%)



- Cyan (0%)
- Magenta (54%)
- Yellow (83%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color C65B21 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 C65B21 by changing the saturation by 10% instead.

 C65B21

 C65B21

FFFFFF

 A74204

 FF8F53

 892800

 FFAB6C

 6B0B00

 FFC686

 4E0000

 FFE3A1

 340001

 FFFFBD

 060000

 FFFFFD9

 000000

 FFFFF6

 C65B21

 C65B21

 C64E0D

 C66835

 C64600

 C67549

 C6825C

 C68E70

 C69B84

 C6A898

 C6B5AC

 C6C2BF

 C6CFD3

Harmonies

Analogous

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



DA4354



C65B21



9F7300

Triad

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



C65B21



00926A



5872E1

Complementary

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



C65B21



218CC6

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.



0085E8



C65B21



0093A3

Square

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



C65B21



138E31



0090D1



AE57BF

Rectangle

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



C65B21



7F7F00



0090D1



047AE7

Sweetspot

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



C65B21



FFD6BF



C6218C



806759



000000



808080

Same Dimension

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



C65B21



FF5A00



C6AD21



635D5A



A33900



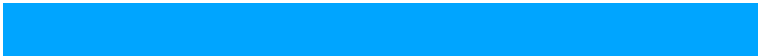
240D00

Inverse Universe

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



218CC6



00A5FF



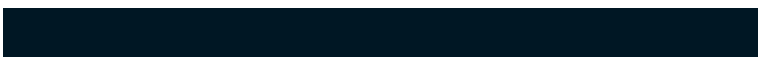
213AC6



5A6063



006AA3



001724

Previews

White Background



This preview shows how the Hex color C65B21 looks on a white background.

Color Contrast Check

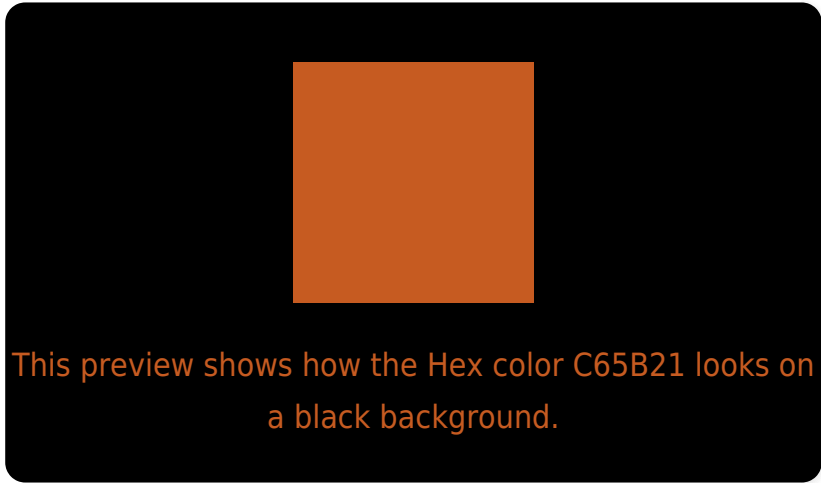
Large Text (above 18pt) WCAG AA ✓ Pass

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 C65B21 Background



This preview shows how black text looks on a background with the Hex color C65B21.



This preview shows how white text looks on a background with the Hex color C65B21.

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
C65B21

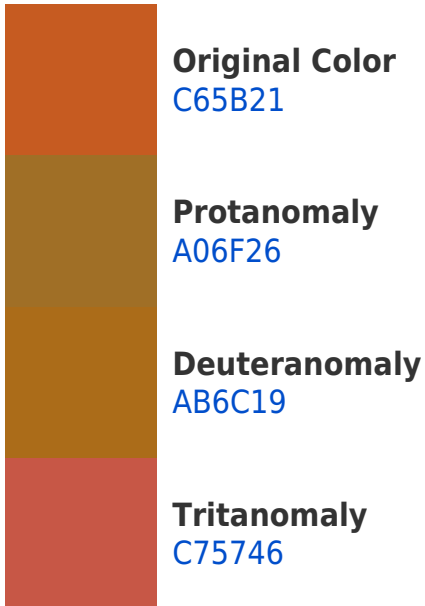
Protanopia
8A7B29

Deuteranopia
9B7515



Tritanopia
C8555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C65B21 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 #C65B21 looks like.

```
.text, #text, p{  
    color:#C65B21  
}
```

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 #C65B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C65B21
}
```

Border

The CSS property to change the border of an element to Hex C65B21 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
#C65B21 }
```

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

```
.border{ border-color:#C65B21 }
```

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

Here you see how a box with a 4 pixel #C65B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C65B21; -webkit-box-shadow:4px 4px  
4px 4px #C65B21; box-shadow:4px 4px 4px  
4px #C65B21 }
```

Background

The CSS property to change the background color of an element to Hex C65B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C65B21 }
```

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

```
.background{ background-color:#C65B21 }
```

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