

Converting Colors

Hex(C1650B)

Have a look what the booklet for
Hex(C1650B) contains.

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Color

Hex(C1650B)

Conversions

Conversions Part 1	
Format	Color
Hex	C1650B
RGB	193, 101, 11
RGB Percent	76%, 40%, 4%
CMY	0.2431, 0.6039, 0.9569
CMYK	0.00, 0.48, 0.94, 0.24
HSL	30°, 89%, 40%
HSV	30°, 94%, 76%
XYZ	26.7064, 20.6690, 2.8985
YIQ	118.2480, 83.7220, -8.4860

Conversions

Conversions Part 2

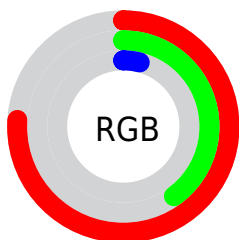
Format	Color
RYB	193, 189, 11
Decimal	12674315
CIELab	52.59, 31.86, 58.53
CIELCh	53, 66.643, 61.439
Yxy	20.6690, 0.5312, 0.4111
Android (android.graphics.Color)	4290864395 (0xFFC1650B)
YUV	118.2480, -52.8733, 65.5575
Hunter-Lab	45.4631, 25.2957, 28.0441

Details

The Hex color **C1650B** 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 **0B67C1**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF9945**, and **853400** is the 20% darker color. If you saturate the color by 10%, you get **C15F00**, and if you desaturate by 10%, it is **C16F1E**.

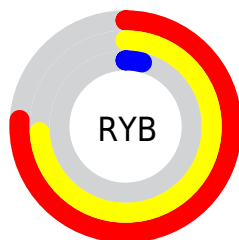
Distribution



Red (76%)

Green (40%)

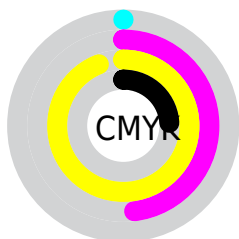
Blue (4%)



Red (76%)

Yellow (74%)

Blue (4%)

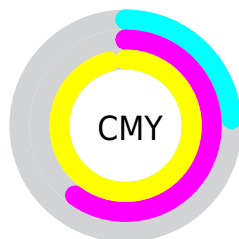


Cyan (0%)

Magenta (48%)

Yellow (94%)

Black (24%)



Cyan (24%)

Magenta (60%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1650B 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 C1650B by changing the saturation by 10% instead.

 C1650B

 C1650B

FFFFFF

 A24C00

 FF9945

 853400

 FFB45F

 671C00

 FFD079

 4A0200

 FFEC94

 310000

 FFFF80

 000000

 FFFFCC

 FFFFE8

 C1650B

 C1650B

 C15F00

 C16F1E

 C17932

 C18245

 C18C58

 C1966B

 C1A07F

 C1A992

 C1B3A5

 C1BDB9

Harmonies

Analogous

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



DD4A45



C1650B



957C00

Triad

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



C1650B



00977F



7D6DE0

Complementary

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



C1650B



0B67C1

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.



0084F1



C1650B



0097B8

Square

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



C1650B



009343



0091E2



C350B5

Rectangle

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



C1650B



708700



0091E2



5675E9

Sweetspot

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



C1650B



FAD7B4



C10B69



7D6752



FCFCFC



7D7D7D

Same Dimension

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



C1650B



FA7C00



C1BE0B



615C57



A14F00



211000

Inverse Universe

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



0B67C1



007EFA



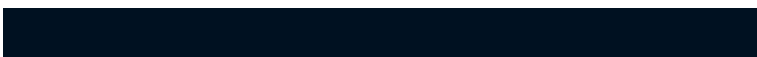
0B0EC1



575C61



0051A1



001121

Previews

White Background



This preview shows how the Hex color C1650B 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



This preview shows how the Hex color C1650B looks on a 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 C1650B Background



This preview shows how black text looks on a background with the Hex color C1650B.



This preview shows how white text looks on a background with the Hex color C1650B.

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

C1650B

Protanopia

8E7E14

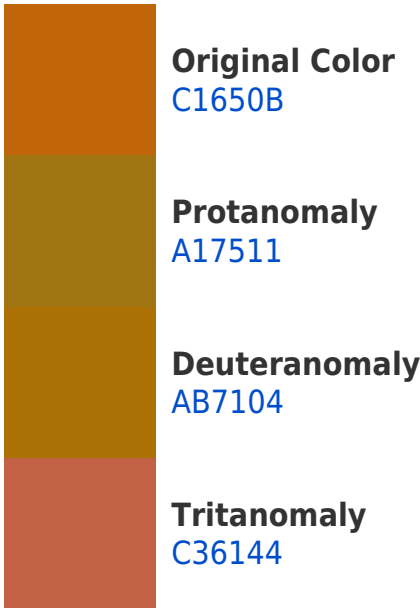
Deuteranopia

9F7800

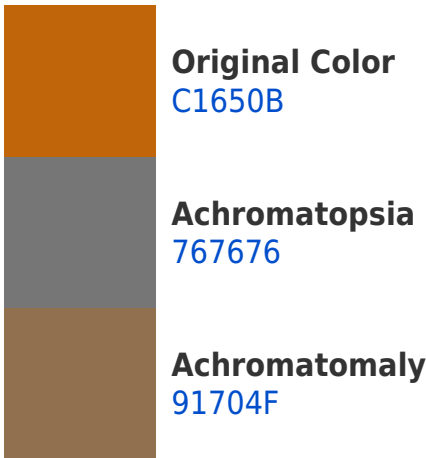


Tritanopia
C45E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1650B 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 #C1650B looks like.

```
.text, #text, p{  
    color:#C1650B  
}
```

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 #C1650B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1650B
}
```

Border

The CSS property to change the border of an element to Hex C1650B 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
#C1650B }
```

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

```
.border{ border-color:#C1650B }
```

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

Here you see how a box with a 4 pixel #C1650B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1650B; -webkit-box-shadow:4px 4px  
4px 4px #C1650B; box-shadow:4px 4px 4px  
4px #C1650B }
```

Background

The CSS property to change the background color of an element to Hex C1650B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1650B }
```

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

```
.background{ background-color:#C1650B }
```

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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