

Converting Colors

Hex(C45501)

Have a look what the booklet for
Hex(C45501) contains.

Hex(C45501)	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(C45501)

Conversions

Conversions Part 1

Format	Color
Hex	C45501
RGB	196, 85, 1
RGB Percent	77%, 33%, 0%
CMY	0.2314, 0.6667, 0.9961
CMYK	0.00, 0.57, 0.99, 0.23
HSL	26°, 99%, 39%
HSV	26°, 99%, 77%
XYZ	26.0189, 18.2350, 2.1771
YIQ	108.6130, 93.1200, -2.5920

Conversions

Conversions Part 2

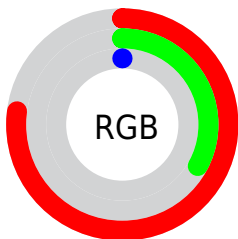
Format	Color
R_{YB}	196, 149, 1
Decimal	12866817
CIE _{Lab}	49.78, 41.12, 59.13
CIE _{LCh}	50, 72.022, 55.185
Yxy	18.2350, 0.5604, 0.3927
Android (android.graphics.Color)	4291056897 (0xFFC45501)
YUV	108.6130, -53.0532, 76.6384
Hunter-Lab	42.7024, 34.0323, 26.8689

Details

The Hex color **C45501** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **0170C4**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF893E**, and **862100** is the 20% darker color. If you saturate the color by 10%, you get **C45400**, and if you desaturate by 10%, it is **C46015**.

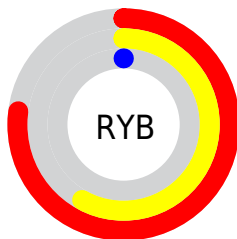
Distribution



Red (77%)

Green (33%)

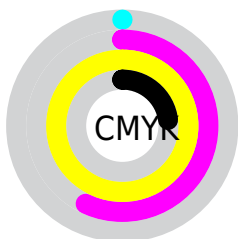
Blue (0%)



Red (77%)

Yellow (58%)

Blue (0%)

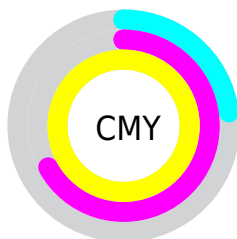


Cyan (0%)

Magenta (57%)

Yellow (99%)

Black (23%)



Cyan (23%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C45501 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 C45501 by changing the saturation by 10% instead.

 C45501

 C45501

FFFFFFD

 A53B00

 FF893E

 862100

 FFA457

 680000

 FFC071

 4B0000

 FFDD8C

 320002

 FFF9A7

 000000

 FFFFC3

 FFFFEO

 C45501

 C45501

■ C45400

■ C46015

■ C46B28

■ C4763C

■ C4824F

■ C48D63

■ C49877

■ C4A38A

■ C4AE9E

■ C4B9B1

Harmonies

Analogous

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



DD3347



C45501



987000

Triad

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



C45501



00906A



586BE7

Complementary

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



C45501



0170C4

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.



0081F2



C45501



0091A9

Square

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



C45501



008C29



008DDB



B549BD

Rectangle

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



C45501



737D00



008DDB



0073EE

Sweetspot

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



C45501



FFD3B3



C40173



806552



000000



808080

Same Dimension

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



C45501



FF6E00



C4B401



615B57



A14500



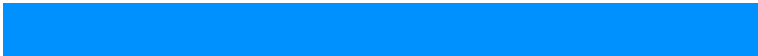
210E00

Inverse Universe

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



0170C4



0091FF



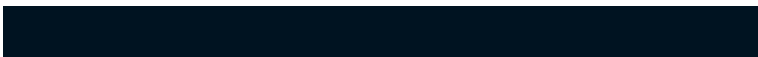
0111C4



575D61



005BA1



001321

Previews

White Background



This preview shows how the Hex color C45501 looks on a white background.

Color Contrast Check

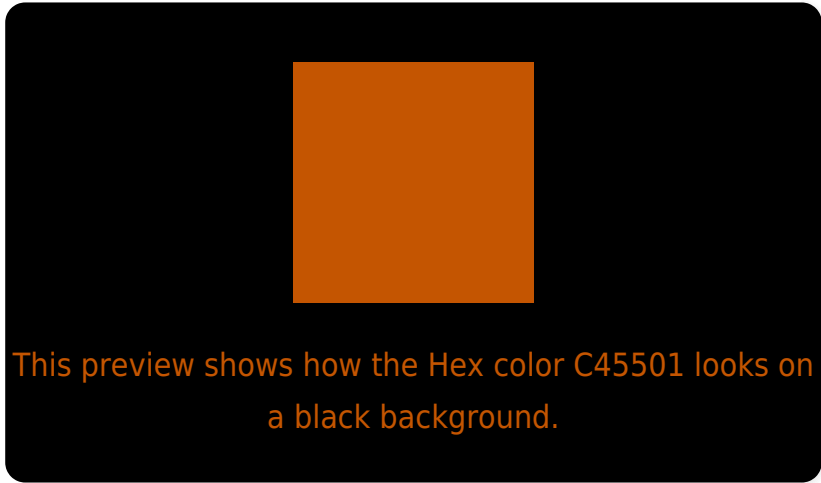
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 C45501 Background



This preview shows how black text looks on a background with the Hex color C45501.



This preview shows how white text looks on a background with the Hex color C45501.

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
C45501

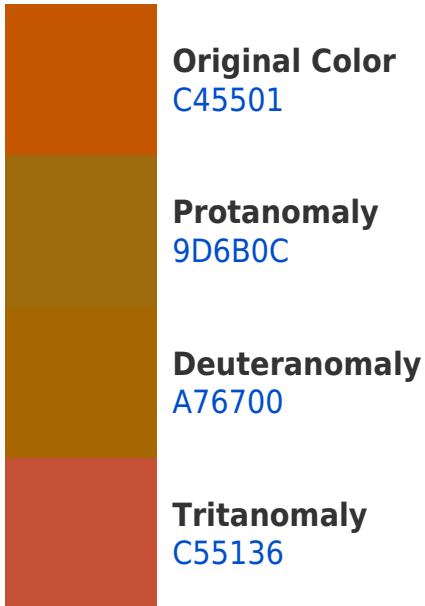
Protanopia
867713

Deuteranopia
967100



Tritanopia
C64F54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C45501 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 #C45501 looks like.

```
.text, #text, p{  
    color:#C45501  
}
```

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 #C45501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45501
}
```

Border

The CSS property to change the border of an element to Hex C45501 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
#C45501 }
```

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

```
.border{ border-color:#C45501 }
```

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

Here you see how a box with a 4 pixel #C45501 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45501; -webkit-box-shadow:4px 4px  
4px 4px #C45501; box-shadow:4px 4px 4px  
4px #C45501 }
```

Background

The CSS property to change the background color of an element to Hex C45501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45501 }
```

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

```
.background{ background-color:#C45501 }
```

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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