

Converting Colors

Hex(C45709)

Have a look what the booklet for
Hex(C45709) contains.

Hex(C45709)	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(C45709)

Conversions

Conversions Part 1

Format	Color
Hex	C45709
RGB	196, 87, 9
RGB Percent	77%, 34%, 4%
CMY	0.2314, 0.6588, 0.9647
CMYK	0.00, 0.56, 0.95, 0.23
HSL	25°, 91%, 40%
HSV	25°, 95%, 77%
XYZ	26.2225, 18.5719, 2.4611
YIQ	110.6990, 90.0020, -1.1500

Conversions

Conversions Part 2

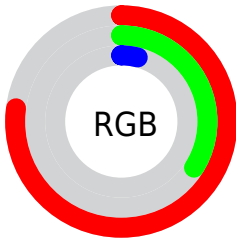
Format	Color
R_{YB}	196, 143, 9
Decimal	12867337
CIE _{Lab}	50.18, 40.23, 57.56
CIE _{LCh}	50, 70.224, 55.050
Yxy	18.5719, 0.5549, 0.3930
Android (android.graphics.Color)	4291057417 (0xFFC45709)
YUV	110.6990, -50.1376, 74.8090
Hunter-Lab	43.0951, 33.1970, 26.7806

Details

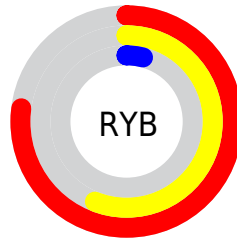
The Hex color **C45709** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **0976C4**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF8B42**, and **872400** is the 20% darker color. If you saturate the color by 10%, you get **C45200**, and if you desaturate by 10%, it is **C4621D**.

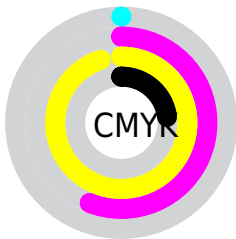
Distribution



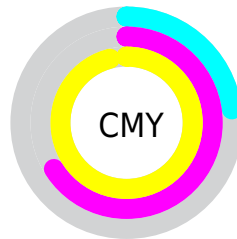
- Red (77%)
- Green (34%)
- Blue (4%)



- Red (77%)
- Yellow (56%)
- Blue (4%)



- Cyan (0%)
- Magenta (56%)
- Yellow (95%)
- Black (23%)



- Cyan (23%)
- Magenta (66%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C45709 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 C45709 by changing the saturation by 10% instead.

 C45709

 C45709

FFFFFF

 A53E00

 FF8B42

 872400

 FFA65C

 680400

 FFC276

 4B0000

 FFDF90

 320002

 FFFCAC

 000000

 FFFFFC8

 FFFFFE4

 C45709

 C45709

 C45200

 C4621D

 C46E30

 C47944

 C48557

 C4906B

 C49C7F

 C4A792

 C4B2A6

 C4BEB9

Harmonies

Analogous

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



DD3849



C45709



997100

Triad

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



C45709



00916B



5B6CE5

Complementary

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



C45709



0976C4

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.



0082F0



C45709



0091A9

Square

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



C45709



008C2C



008ED9



B44CBD

Rectangle

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



C45709



757E00



008ED9



0075EC

Sweetspot

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



C45709



FFD4B5



C40976



806553



000000



808080

Same Dimension

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



C45709



FF6A00



C4B409



615B57



A14300



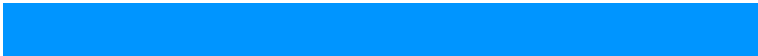
210E00

Inverse Universe

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



0976C4



0095FF



0919C4



575D61



005EA1



001321

Previews

White Background



This preview shows how the Hex color C45709 looks on a white background.

Color Contrast Check

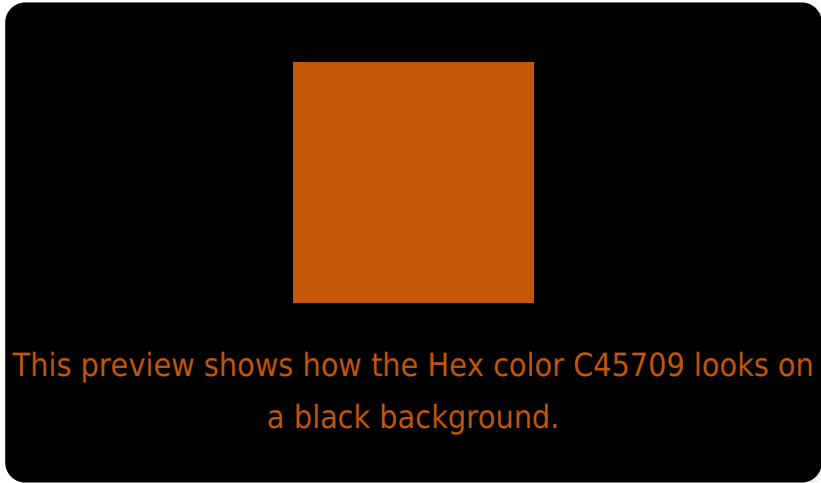
Large Text (above 18pt) WCAG AA ✓ Pass

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 C45709 Background



This preview shows how black text looks on a background with the Hex color C45709.



This preview shows how white text looks on a background with the Hex color C45709.

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
C45709

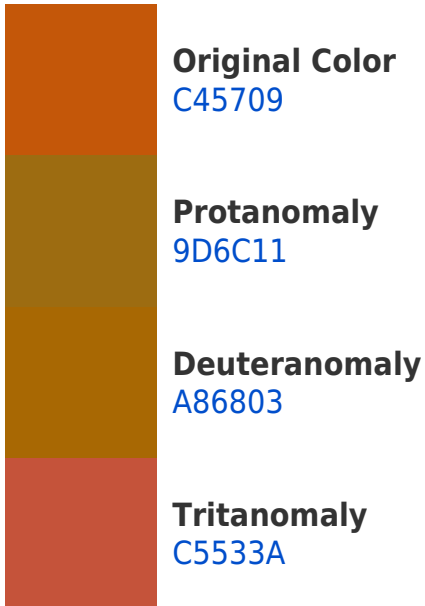
Protanopia
877815

Deuteranopia
987200



Tritanopia
C65156

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C45709 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 #C45709 looks like.

```
.text, #text, p{  
    color:#C45709  
}
```

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 #C45709 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45709
}
```

Border

The CSS property to change the border of an element to Hex C45709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

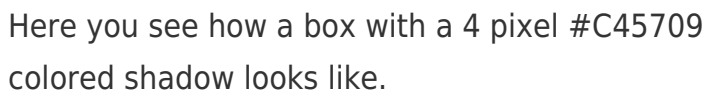
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C45709 }
```

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

```
.border{ border-color:#C45709 }
```

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



Here you see how a box with a 4 pixel `#C45709` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45709; -webkit-box-shadow:4px 4px  
4px 4px #C45709; box-shadow:4px 4px 4px  
4px #C45709 }
```

Background

The CSS property to change the background color of an element to Hex C45709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45709 }
```

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

```
.background{ background-color:#C45709 }
```

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