

Converting Colors

Hex(C45C13)

Have a look what the booklet for
Hex(C45C13) contains.

Hex(C45C13)	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(C45C13)

Conversions

Conversions Part 1

Format	Color
Hex	C45C13
RGB	196, 92, 19
RGB Percent	77%, 36%, 7%
CMY	0.2314, 0.6392, 0.9255
CMYK	0.00, 0.53, 0.90, 0.23
HSL	25°, 82%, 42%
HSV	25°, 90%, 77%
XYZ	26.7096, 19.4371, 2.9601
YIQ	114.7740, 85.4170, -0.6550

Conversions

Conversions Part 2

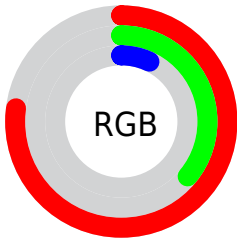
Format	Color
R_{YB}	196, 143, 19
Decimal	12868627
CIE _{Lab}	51.19, 37.87, 55.72
CIE _{LCh}	51, 67.367, 55.797
Yxy	19.4371, 0.5439, 0.3958
Android (android.graphics.Color)	4291058707 (0xFFC45C13)
YUV	114.7740, -47.2166, 71.2352
Hunter-Lab	44.0875, 30.9880, 26.8805

Details

The Hex color **C45C13** 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 **137BC4**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF9048**, and **872A00** is the 20% darker color. If you saturate the color by 10%, you get **C45100**, and if you desaturate by 10%, it is **C46827**.

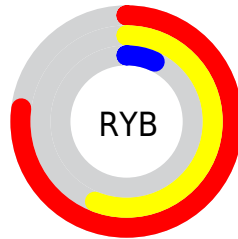
Distribution



Red (77%)

Green (36%)

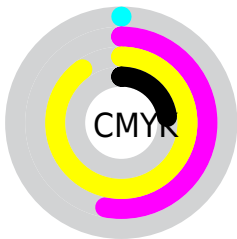
Blue (7%)



Red (77%)

Yellow (56%)

Blue (7%)

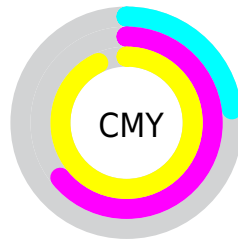


Cyan (0%)

Magenta (53%)

Yellow (90%)

Black (23%)



Cyan (23%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C45C13 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 C45C13 by changing the saturation by 10% instead.

 C45C13

 C45C13

FFFFFF

 A54300

 FF9048

 872A00

 FFAB62

 690E00

 FFC77C

 4C0000

 FFE497

 330001

 FFFFB2

 000000

 FFFFCE

 FFFFEB

 C45C13

 C45C13

■ C45100

■ C46827

■ C4733A

■ C47F4E

■ C48A61

■ C49675

■ C4A189

■ C4AD9C

■ C4B8B0

■ C4C4C3

Harmonies

Analogous

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



DC404C



C45C13



9A7500

Triad

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



C45C13



009370



646EE3

Complementary

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



C45C13



137BC4

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.



0084EE



C45C13



0093AB

Square

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



C45C13



008F34



008FD9



B651BC

Rectangle

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



C45C13



778100



008FD9



2776EA

Sweetspot

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



C45C13



FFD7BA



C4137D



806857



000000



808080

Same Dimension

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



C45C13



FF6900



C4B213



615B57



A14200



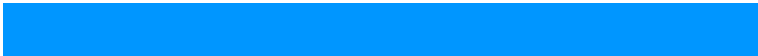
210E00

Inverse Universe

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



137BC4



0096FF



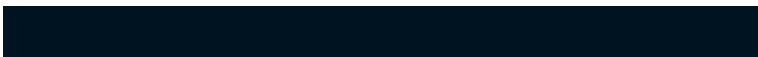
1325C4



575D61



005EA1



001321

Previews

White Background



This preview shows how the Hex color C45C13 looks on a white background.

Color Contrast Check

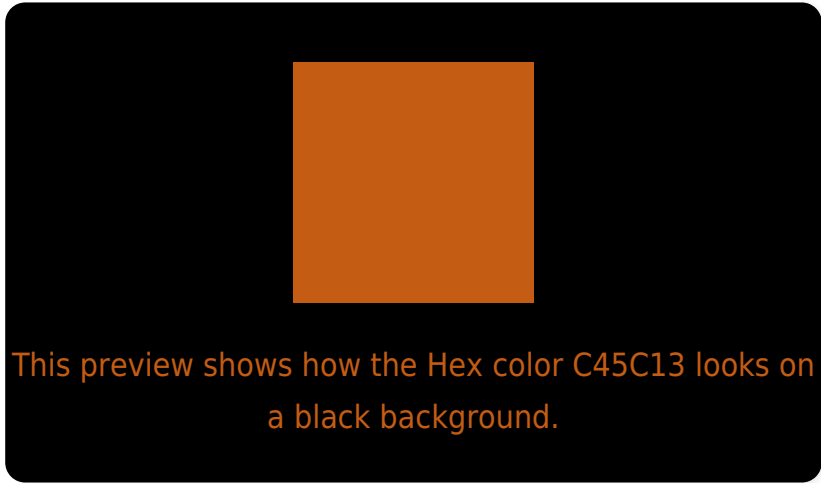
Large Text (above 18pt) WCAG AA ✓ Pass

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 C45C13 Background



This preview shows how black text looks on a background with the Hex color C45C13.



This preview shows how white text looks on a background with the Hex color C45C13.

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
C45C13

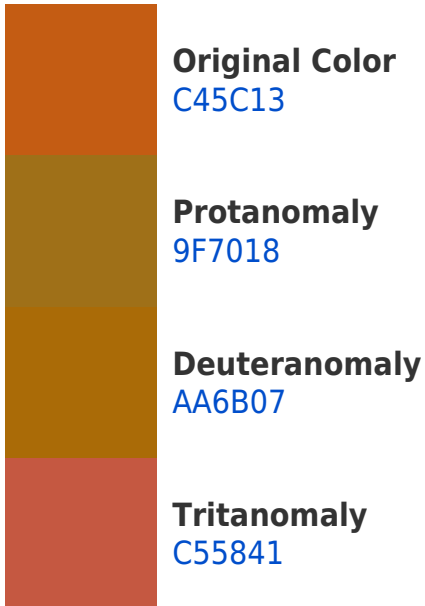
Protanopia
8A7B1B

Deuteranopia
9B7400



Tritanopia
C6565B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C45C13 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 #C45C13 looks like.

```
.text, #text, p{  
    color:#C45C13  
}
```

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 #C45C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45C13
}
```

Border

The CSS property to change the border of an element to Hex C45C13 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
#C45C13 }
```

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

```
.border{ border-color:#C45C13 }
```

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

Here you see how a box with a 4 pixel #C45C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45C13; -webkit-box-shadow:4px 4px  
4px 4px #C45C13; box-shadow:4px 4px 4px  
4px #C45C13 }
```

Background

The CSS property to change the background color of an element to Hex C45C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45C13 }
```

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

```
.background{ background-color:#C45C13 }
```

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