

Converting Colors

Hex(C55E03)

Have a look what the booklet for
Hex(C55E03) contains.

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Color

Hex(C55E03)

Conversions

Conversions Part 1

Format	Color
Hex	C55E03
RGB	197, 94, 3
RGB Percent	77%, 37%, 1%
CMY	0.2275, 0.6314, 0.9882
CMYK	0.00, 0.52, 0.98, 0.23
HSL	28°, 97%, 39%
HSV	28°, 98%, 77%
XYZ	27.0451, 19.8823, 2.4984
YIQ	114.4230, 90.5990, -6.4650

Conversions

Conversions Part 2

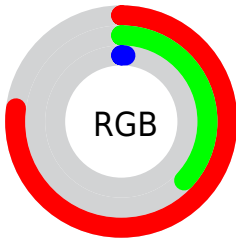
Format	Color
R_{YB}	197, 174, 3
Decimal	12934659
CIE Lab	51.70, 37.04, 59.90
CIE LCh	52, 70.426, 58.268
Yxy	19.8823, 0.5472, 0.4023
Android (android.graphics.Color)	4291124739 (0xFFC55E03)
YUV	114.4230, -54.9315, 72.4200
Hunter-Lab	44.5896, 30.2346, 27.8906

Details

The Hex color **C55E03** 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 **036AC5**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF9240**, and **882C00** is the 20% darker color. If you saturate the color by 10%, you get **C55C00**, and if you desaturate by 10%, it is **C56817**.

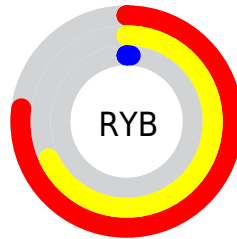
Distribution



Red (77%)

Green (37%)

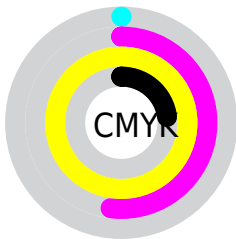
Blue (1%)



Red (77%)

Yellow (68%)

Blue (1%)

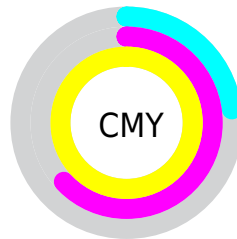


Cyan (0%)

Magenta (52%)

Yellow (98%)

Black (23%)



Cyan (23%)

Magenta (63%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color C55E03 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 C55E03 by changing the saturation by 10% instead.

 C55E03

 C55E03

FFFFFF

 A64500

 FF9240

 882C00

 FFAD5A

 6A1200

 FFC975

 4D0000

 FFE68F

 330001

 FFFFAB

 030000

 FFFFC7

 000000

 FFFF E3

 C55E03

 C55E03

■ C55C00

■ C56817

■ C5732A

■ C57D3E

■ C58852

■ C59266

■ C59D79

■ C5A78D

■ C5B2A1

■ C5BCB4

Harmonies

Analogous

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



E03F46



C55E03



987800

Triad

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



C55E03



009576



6D6DE7

Complementary

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



C55E03



036AC5

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.



0084F5



C55E03



0095B3

Square

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



C55E03



009136



0091E2



BF4CBC

Rectangle

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



C55E03



728400



0091E2



3676EF

Sweetspot

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



C55E03



FFD6B3



C5036A



806752



000000



808080

Same Dimension

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



C55E03



FF7800



C5BF03



635E5A



A34D00



241100

Inverse Universe

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



036AC5



0087FF



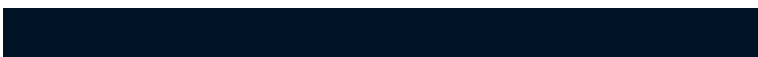
0309C5



5A5F63



0057A3



001324

Previews

White Background



This preview shows how the Hex color C55E03 looks on a white background.

Color Contrast Check

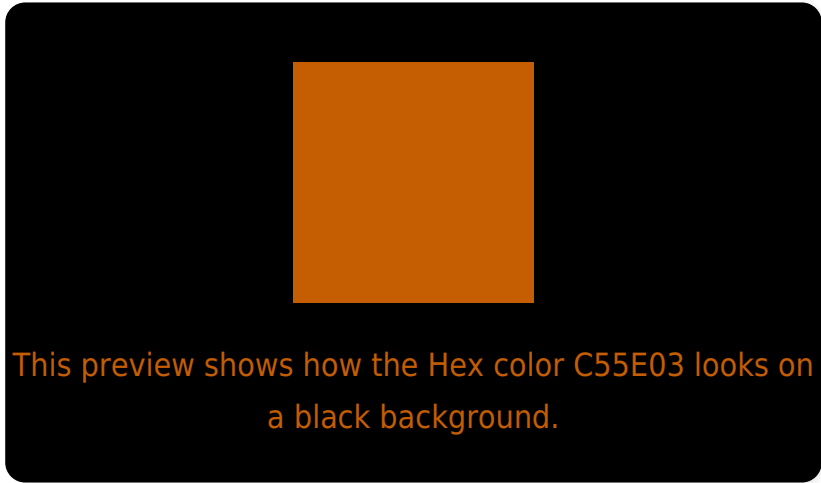
Large Text (above 18pt) WCAG AA ✓ Pass

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 C55E03 Background



This preview shows how black text looks on a background with the Hex color C55E03.



This preview shows how white text looks on a background with the Hex color C55E03.

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
C55E03

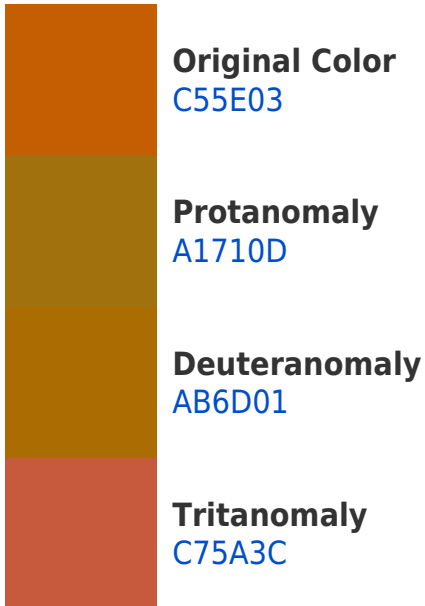
Protanopia
8C7C12

Deuteranopia
9C7600



Tritanopia
C8575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C55E03 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 #C55E03 looks like.

```
.text, #text, p{  
    color:#C55E03  
}
```

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 #C55E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C55E03
}
```

Border

The CSS property to change the border of an element to Hex C55E03 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
#C55E03 }
```

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

```
.border{ border-color:#C55E03 }
```

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

Here you see how a box with a 4 pixel #C55E03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C55E03; -webkit-box-shadow:4px 4px  
4px 4px #C55E03; box-shadow:4px 4px 4px  
4px #C55E03 }
```

Background

The CSS property to change the background color of an element to Hex C55E03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C55E03 }
```

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

```
.background{ background-color:#C55E03 }
```

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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