

Converting Colors

Hex(C30E05)

Have a look what the booklet for
Hex(C30E05) contains.

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Color

Hex(C30E05)

Conversions

Conversions Part 1

Format	Color
Hex	C30E05
RGB	195, 14, 5
RGB Percent	76%, 5%, 2%
CMY	0.2353, 0.9451, 0.9804
CMYK	0.00, 0.93, 0.97, 0.24
HSL	3°, 95%, 39%
HSV	3°, 97%, 76%
XYZ	22.6901, 11.9271, 1.2498
YIQ	67.0930, 110.7650, 35.5730

Conversions

Conversions Part 2

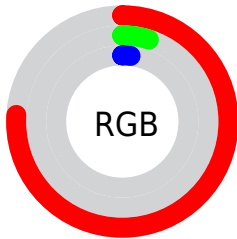
Format	Color
R_{YB}	195, 14, 5
Decimal	12783109
CIE Lab	41.10, 64.05, 53.33
CIE LCh	41, 83.348, 39.783
Yxy	11.9271, 0.6326, 0.3325
Android (android.graphics.Color)	4290973189 (0xFFC30E05)
YUV	67.0930, -30.6118, 112.1744
Hunter-Lab	34.5357, 56.8379, 22.0293

Details

The Hex color **C30E05** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **05BAC3**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF5738**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C30900**, and if you desaturate by 10%, it is **C32118**.

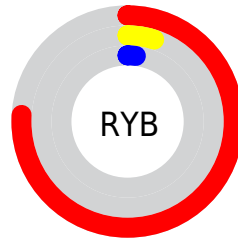
Distribution



Red (76%)

Green (5%)

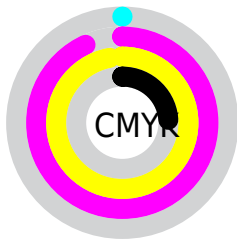
Blue (2%)



Red (76%)

Yellow (5%)

Blue (2%)

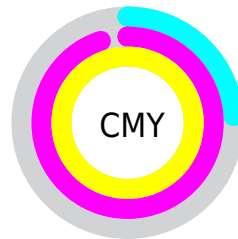


Cyan (0%)

Magenta (93%)

Yellow (97%)

Black (24%)



Cyan (24%)

Magenta (95%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C30E05 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 C30E05 by changing the saturation by 10% instead.

 C30E05

 C30E05

 FFFFF2

 A30000

 FF5738

 830000

 FF7450

 640000

 FF9069

 470003

 FFAD83

 270001

 FFCA9E

 000000

 FFE8B9

 FFFF05

 C30E05

 C30E05

 C30900

 C32118

 C3332C

 C34640

 C35853

 C36B67

 C37D7A

 C3908E

 C3A3A1

 C3B5B5

Harmonies

Analogous

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



D2004E



C30E05



9B4B00

Triad

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



C30E05



00792D



0064EB

Complementary

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



C30E05



05BAC3

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.



0075E4



C30E05



007B77

Square

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



C30E05



007300



007BB8



783FCC

Rectangle

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



C30E05



775F00



007BB8



006BED

Sweetspot

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



C30E05



FCB7B3



C305BD



805553



000000



808080

Same Dimension

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



C30E05



FC0C00



C36A05



615857



A10800



210200

Inverse Universe

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



05BAC3



00F0FC



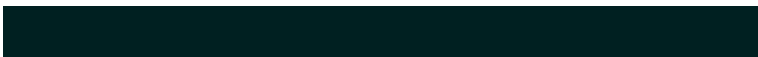
055EC3



576061



0099A1



002021

Previews

White Background



This preview shows how the Hex color C30E05 looks on a white background.

Color Contrast Check

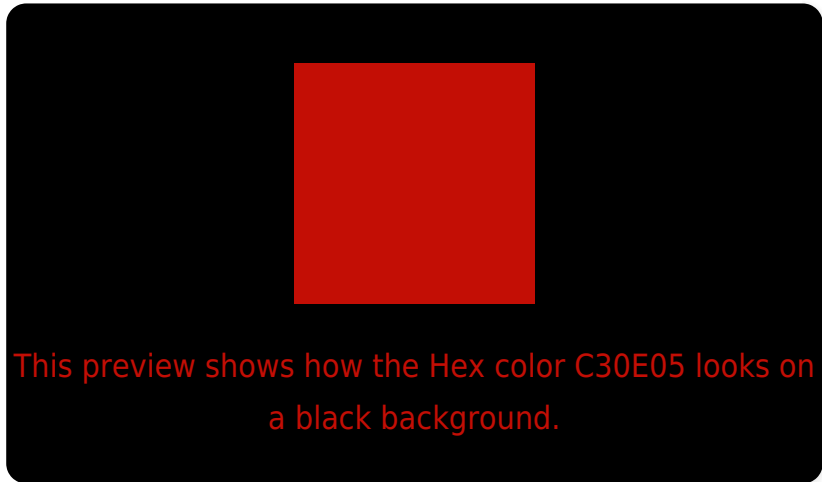
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C30E05 Background



This preview shows how black text looks on a background with the Hex color C30E05.



This preview shows how white text looks on a background with the Hex color C30E05.

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
C30E05

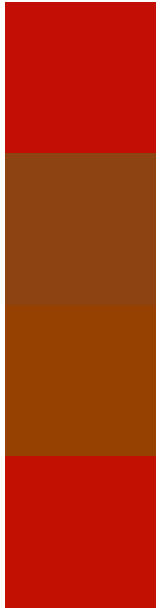
Protanopia
6F631A

Deuteranopia
7C5E00



Tritanopia
C21100

Trichromacy



Original Color
C30E05

Protanomaly
8E4412

Deuteranomaly
964102

Tritanomaly
C21002

Monochromacy



Original Color
C30E05

Achromatopsia
434343

Achromatomaly
72302C

CSS Examples

Text

The CSS property to change the color of the text to Hex C30E05 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 #C30E05 looks like.

```
.text, #text, p{  
    color:#C30E05  
}
```

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 #C30E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C30E05
}
```

Border

The CSS property to change the border of an element to Hex C30E05 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".

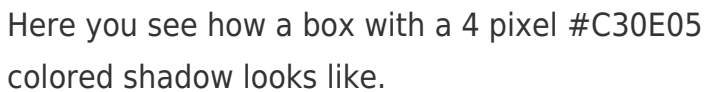
```
.border, #border, table{ border:4px solid
#C30E05 }
```

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

```
.border{ border-color:#C30E05 }
```

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

Here you see how a box with a 4 pixel #C30E05 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C30E05; -webkit-box-shadow:4px 4px  
4px 4px #C30E05; box-shadow:4px 4px 4px  
4px #C30E05 }
```

Background

The CSS property to change the background color of an element to Hex C30E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C30E05 }
```

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

```
.background{ background-color:#C30E05 }
```

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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