

# Converting Colors

Hex(C33D05)

Have a look what the booklet for  
Hex(C33D05) contains.

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**Color**

**Hex(C33D05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C33D05
RGB	195, 61, 5
RGB Percent	76%, 24%, 2%
CMY	0.2353, 0.7608, 0.9804
CMYK	0.00, 0.69, 0.97, 0.24
HSL	18°, 95%, 39%
HSV	18°, 97%, 76%
XYZ	24.2018, 14.9505, 1.7537
YIQ	94.6820, 97.8400, 10.9920

# Conversions

## Conversions Part 2

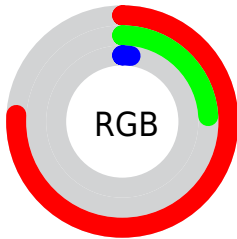
Format	Color
<a href="#">RYB</a>	<a href="#">195, 84, 5</a>
Decimal	<a href="#">12795141</a>
CIELab	<a href="#">45.57, 51.54, 55.64</a>
CIElCh	<a href="#">46, 75.844, 47.191</a>
Yxy	<a href="#">14.9505, 0.5916, 0.3655</a>
Android (android.graphics.Color)	<a href="#">4290985221</a> ( <a href="#">0xFFC33D05</a> )
YUV	<a href="#">94.6820, -44.2132, 87.9789</a>
Hunter-Lab	<a href="#">38.6659, 44.0615, 24.3770</a>

# Details

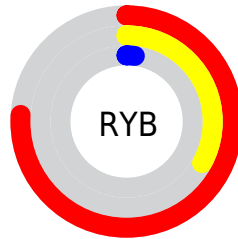
The Hex color **C33D05** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **058BC3**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF733C**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C33900**, and if you desaturate by 10%, it is **C34B18**.

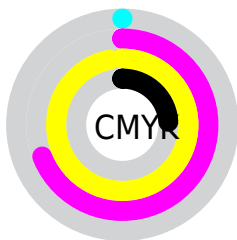
# Distribution



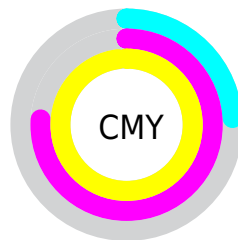
- Red (76%)
- Green (24%)
- Blue (2%)



- Red (76%)
- Yellow (33%)
- Blue (2%)



- Cyan (0%)
- Magenta (69%)
- Yellow (97%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C33D05 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 C33D05 by changing the saturation by 10% instead.



 C33D05

 C33D05

 FFFFFFF9

 A41F00

 FF733C

 840000

 FF8F55

 660000

 FFAB6F

 480000

 FFC789

 2C0001

 FFE4A4

 000000

 FFFFFC0

 FFFFDC

 C33D05

 C33D05

■ C33900

■ C34B18

■ C3592C

■ C36640

■ C37453

■ C38267

■ C3907A

■ C39D8E

■ C3ABA1

■ C3B9B5

# Harmonies

## Analogous

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



D7004B



C33D05



9A5F00

# Triad

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



C33D05



00854D



0067E7

# Complementary

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



C33D05



058BC3

# 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.



007CE9



C33D05



008690

# Square

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



C33D05



007F00



0084C9



9945C3

# Rectangle

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



C33D05



766E00



0084C9



0070EC



# Sweetspot

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



C33D05



FCC9B3



C3058D



806053



000000



808080



# Same Dimension

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



C33D05



FC4A00



C39A05



615A57



A12F00



210A00

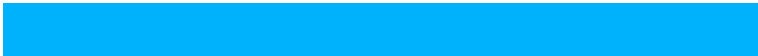


# Inverse Universe

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



058BC3



00B2FC



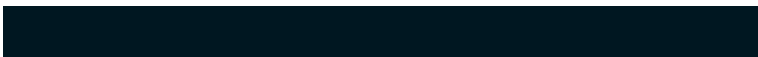
052EC3



575E61



0071A1



001721



# Previews

## White Background



This preview shows how the Hex color C33D05 looks on a white background.

## Color Contrast Check

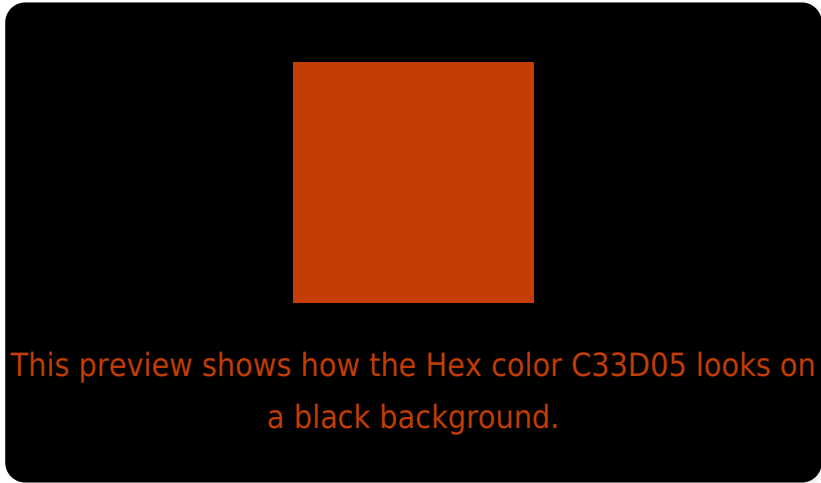
Large Text (above 18pt) WCAG AA ✓ Pass

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 C33D05 Background



This preview shows how black text looks on a background with the Hex color C33D05.



This preview shows how white text looks on a background with the Hex color C33D05.

# 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**  
C33D05

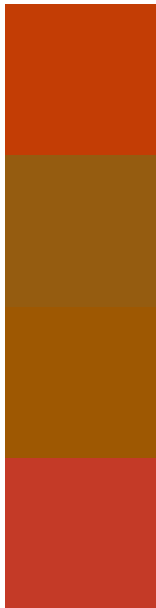
**Protanopia**  
7A6D16

**Deuteranopia**  
896700



**Tritanopia**  
C4393B

# Trichromacy



**Original Color**  
C33D05

**Protanomaly**  
955C10

**Deuteranomaly**  
9E5802

**Tritanomaly**  
C43A27

# Monochromacy



**Original Color**  
C33D05

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
83533E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C33D05 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 #C33D05 looks like.

```
.text, #text, p{  
  color:#C33D05  
}
```

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 #C33D05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33D05
}
```

## Border

The CSS property to change the border of an element to Hex C33D05 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
#C33D05 }
```

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

```
.border{ border-color:#C33D05 }
```

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

Here you see how a box with a 4 pixel #C33D05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33D05; -webkit-box-shadow:4px 4px  
4px 4px #C33D05; box-shadow:4px 4px 4px  
4px #C33D05 }
```

# Background

The CSS property to change the background color of an element to Hex C33D05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33D05 }
```

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

```
.background{ background-color:#C33D05 }
```

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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