

# Converting Colors

Hex(CC3315)

Have a look what the booklet for  
Hex(CC3315) contains.

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# Color

Hex(CC3315)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC3315
RGB	204, 51, 21
RGB Percent	80%, 20%, 8%
CMY	0.2000, 0.8000, 0.9176
CMYK	0.00, 0.75, 0.90, 0.20
HSL	10°, 81%, 44%
HSV	10°, 90%, 80%
XYZ	26.2210, 15.2592, 2.2728
YIQ	93.3270, 100.8180, 23.1060

# Conversions

## Conversions Part 2

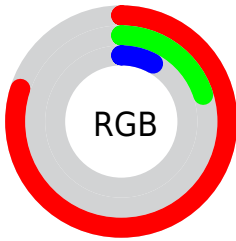
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 57, 21
Decimal	13382421
CIE <sub>Lab</sub>	45.99, 58.31, 51.81
CIE <sub>LCh</sub>	46, 77.997, 41.622
Yxy	15.2592, 0.5993, 0.3488
Android (android.graphics.Color)	4291572501 (0xFFCC3315)
YUV	93.3270, -35.6572, 97.0602
Hunter-Lab	39.0630, 51.4579, 23.8945

# Details

The Hex color **CC3315** 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 **15AECC**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6D46**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CC2201**, and if you desaturate by 10%, it is **CC4429**.

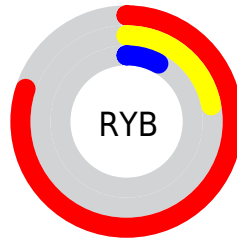
# Distribution



Red (80%)

Green (20%)

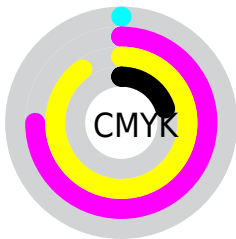
Blue (8%)



Red (80%)

Yellow (22%)

Blue (8%)

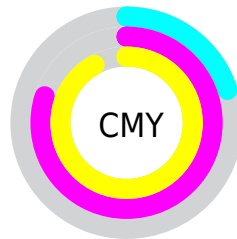


Cyan (0%)

Magenta (75%)

Yellow (90%)

Black (20%)



Cyan (20%)

Magenta (80%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC3315 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 CC3315 by changing the saturation by 10% instead.



 CC3315

 CC3315

FFFFFF

 AC0B00

 FF6D46

 8D0000

 FF895F

 6D0000

 FFA578

 4F0001

 FFC292

 330002

 FFDFAD

 000000

 FFFCC9

 FFFFEE

 CC3315

 CC3315

■ CC2201

■ CC4429

■ CC2100

■ CC553E

■ CC6652

■ CC7767

■ CC887B

■ CC998F

■ CCAAA4

■ CCBBB8

■ CCCDCD

# Harmonies

## Analogous

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



DC0057



CC3315



A55A00

# Triad

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



CC3315



008541



006DEF

# Complementary

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



CC3315



15AECC

# 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.



0080EA



CC3315



008886

# Square

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



CC3315



0C7F00



0087C3



8B4CD0

# Rectangle

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



CC3315



826C00



0087C3



0075F2



# Sweetspot

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



CC3315



FFC5BA



CC15B1



805D57



000000



808080



# Same Dimension

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



CC3315



FF2A00



CC8C15



665D5C



A61B00



260600

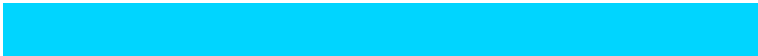


# Inverse Universe

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



15AECC



00D5FF



1555CC



5C6466



008BA6



002026



# Previews

## White Background



This preview shows how the Hex color CC3315 looks on a white background.

## Color Contrast Check

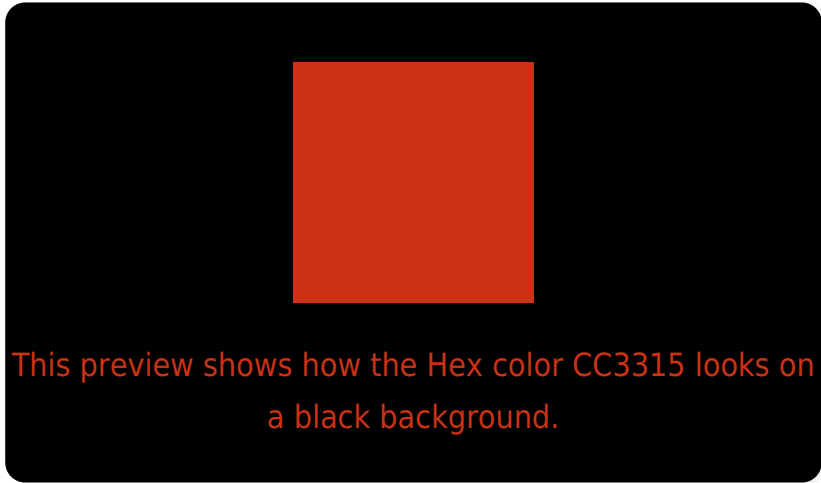
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3315 Background



This preview shows how black text looks on a background with the Hex color CC3315.



This preview shows how white text looks on a background with the Hex color CC3315.

# 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



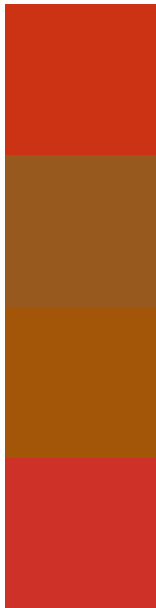
**Original Color**  
CC3315

**Protanopia**  
7B6E23

**Deuteranopia**  
8B6800



# Trichromacy



**Original Color**  
CC3315

**Protanomaly**  
98591E

**Deuteranomaly**  
A35508

**Tritanomaly**  
CD3127

# Monochromacy



**Original Color**  
CC3315

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
854E43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC3315 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 #CC3315 looks like.

```
.text, #text, p{  
    color:#CC3315  
}
```

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 #CC3315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3315
}
```

## Border

The CSS property to change the border of an element to Hex CC3315 is called "border". The border property can be set on classes, ids or directly on the HTML element.

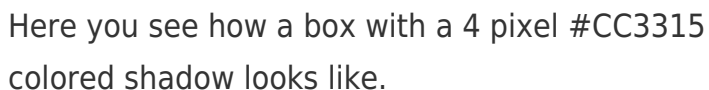
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC3315 }
```

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

```
.border{ border-color:#CC3315 }
```

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



Here you see how a box with a 4 pixel `#CC3315` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3315; -webkit-box-shadow:4px 4px  
4px 4px #CC3315; box-shadow:4px 4px 4px  
4px #CC3315 }
```

# Background

The CSS property to change the background color of an element to Hex CC3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3315 }
```

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

```
.background{ background-color:#CC3315 }
```

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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