

# Converting Colors

Hex(CC3325)

Have a look what the booklet for  
Hex(CC3325) contains.

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# Color

Hex(CC3325)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC3325
RGB	204, 51, 37
RGB Percent	80%, 20%, 15%
CMY	0.2000, 0.8000, 0.8549
CMYK	0.00, 0.75, 0.82, 0.20
HSL	5°, 69%, 47%
HSV	5°, 82%, 80%
XYZ	26.4196, 15.3386, 3.3184
YIQ	95.1510, 95.6820, 28.0820

# Conversions

## Conversions Part 2

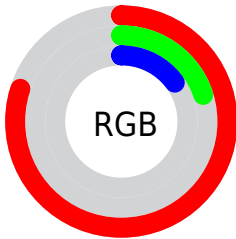
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 52, 37</a>
Decimal	<a href="#">13382437</a>
CIELab	<a href="#">46.09, 58.66, 44.59</a>
CIElCh	<a href="#">46, 73.684, 37.237</a>
Yxy	<a href="#">15.3386, 0.5861, 0.3403</a>
Android (android.graphics.Color)	<a href="#">4291572517</a> ( <a href="#">0xFFCC3325</a> )
YUV	<a href="#">95.1510, -28.6684, 95.4606</a>
Hunter-Lab	<a href="#">39.1645, 51.8746, 22.3915</a>

# Details

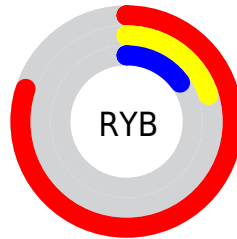
The Hex color **CC3325** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **25BECC**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6D54**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CC2011**, and if you desaturate by 10%, it is **CC4639**.

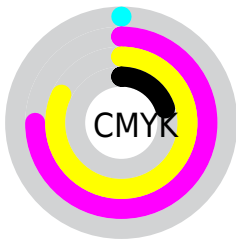
# Distribution



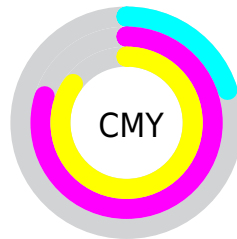
- Red (80%)
- Green (20%)
- Blue (15%)



- Red (80%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (82%)
- Black (20%)



- Cyan (20%)
- Magenta (80%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC3325 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 CC3325 by changing the saturation by 10% instead.



 CC3325

 CC3325

FFFFFF

 AC0A0E

 FF6D54

 8D0000

 FF896D

 6E0000

 FFA586

 500001

 FFC2A1

 330002

 FFDFBC

 000000

 FFFDD8

 FFFFF5

 CC3325

 CC3325

■ CC2011

■ CC4639

■ CC1100

■ CC584E

■ CC6B62

■ CC7E77

■ CC908B

■ CCA39F

■ CCB6B4

■ CCC9C8

■ CCDBDD

# Harmonies

## Analogous

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



D60561



CC3325



AA5800

# Triad

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



CC3325



00843A



0071EA

# Complementary

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



CC3325



25BECC

# 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.



0080E0



CC3325



00877B

# Square

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



CC3325



307D00



0086B7



7D54D1

# Rectangle

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



CC3325



8A6900



0086B7



0077EA



# Sweetspot

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



CC3325



FFC5BF



CC25BE



805C59



000000



808080



# Same Dimension

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



CC3325



FF1A05



CC8625



665D5C



A60E00



260300



# Inverse Universe

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



25BECC



05EAFF



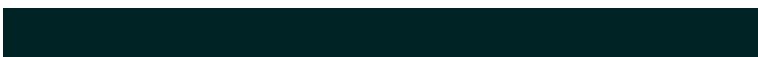
256BCC



5C6566



0098A6



002326



# Previews

## White Background



This preview shows how the Hex color CC3325 looks on a white background.

## Color Contrast Check

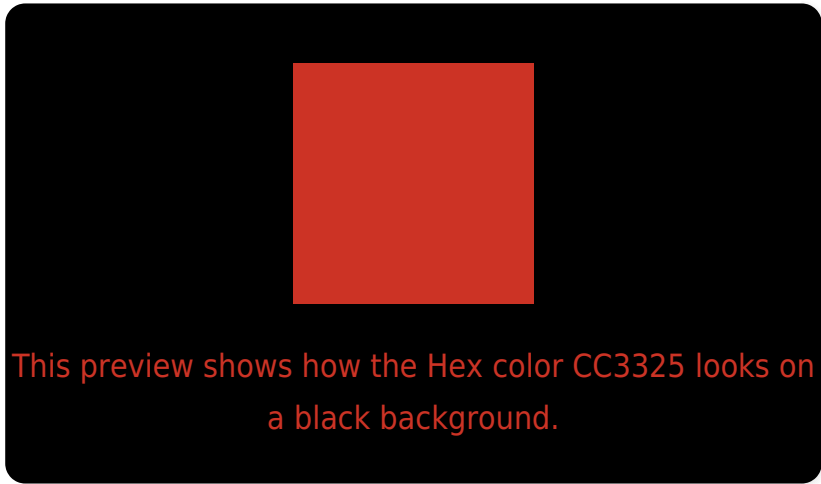
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3325 Background



This preview shows how black text looks on a background with the Hex color CC3325.



This preview shows how white text looks on a background with the Hex color CC3325.

# 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**  
CC3325

**Protanopia**  
7A6E35

**Deuteranopia**  
8B6815



# Trichromacy



**Original Color**  
CC3325

**Protanomaly**  
98592F

**Deuteranomaly**  
A3551B

**Tritanomaly**  
CC322E

# Monochromacy



**Original Color**  
CC3325

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
874F4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC3325 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 #CC3325 looks like.

```
.text, #text, p{  
    color:#CC3325  
}
```

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 #CC3325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3325
}
```

## Border

The CSS property to change the border of an element to Hex CC3325 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".

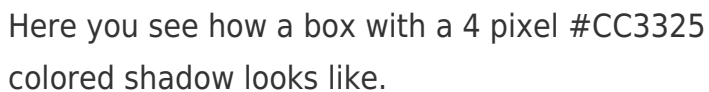
```
.border, #border, table{ border:4px solid
#CC3325 }
```

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

```
.border{ border-color:#CC3325 }
```

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

Here you see how a box with a 4 pixel #CC3325 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3325; -webkit-box-shadow:4px 4px  
4px 4px #CC3325; box-shadow:4px 4px 4px  
4px #CC3325 }
```

# Background

The CSS property to change the background color of an element to Hex CC3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3325 }
```

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

```
.background{ background-color:#CC3325 }
```

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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