

# Converting Colors

Hex(CC3332)

Have a look what the booklet for  
Hex(CC3332) contains.

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# Color

Hex(CC3332)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC3332
RGB	204, 51, 50
RGB Percent	80%, 20%, 20%
CMY	0.2000, 0.8000, 0.8039
CMYK	0.00, 0.75, 0.75, 0.20
HSL	0°, 61%, 50%
HSV	0°, 75%, 80%
XYZ	26.6614, 15.4353, 4.5917
YIQ	96.6330, 91.5090, 32.1250

# Conversions

## Conversions Part 2

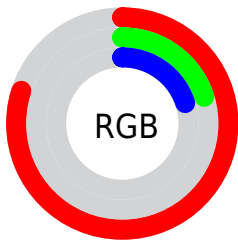
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 51, 50</a>
Decimal	<a href="#">13382450</a>
CIELab	<a href="#">46.22, 59.09, 37.67</a>
CIElCh	<a href="#">46, 70.079, 32.515</a>
Yxy	<a href="#">15.4353, 0.5710, 0.3306</a>
Android (android.graphics.Color)	<a href="#">4291572530</a> ( <a href="#">0xFFCC3332</a> )
YUV	<a href="#">96.6330, -22.9901, 94.1609</a>
Hunter-Lab	<a href="#">39.2878, 52.3796, 20.5720</a>

# Details

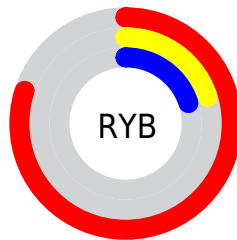
The Hex color **CC3332** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **32CBCC**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6D61**, and **8E0006** is the 20% darker color. If you saturate the color by 10%, you get **CC1F1E**, and if you desaturate by 10%, it is **CC4746**.

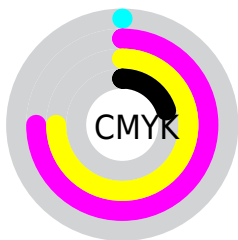
# Distribution



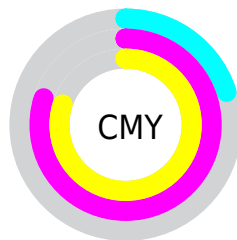
- Red (80%)
- Green (20%)
- Blue (20%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color CC3332 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 CC3332 by changing the saturation by 10% instead.



 CC3332

 CC3332

FFFFFF

 AD091C

 FF6D61

 8E0006

 FF897A

 6F0000

 FFA694

 500001

 FFC2AF

 340002

 FFDFCA

 000000

 FFFDE6

 CC3332

 CC3332

 CC1F1E

 CC4746

 CC0A09

 CC5C5B

 CC0100

 CC706F

 CC8484

 CC9898

 CCADAC

 CCC1C1

 CCD5D5

 CCE9EA

# Harmonies

## Analogous

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



D11B6B



CC3332



AE5500

# Triad

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



CC3332



008333



0074E4

# Complementary

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



CC3332



32CBCC

# 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.



0081D6



CC3332



008671

# Square

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



CC3332



447C00



0086AC



6E5BD2

# Rectangle

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



CC3332



916600



0086AC



0079E3



# Sweetspot

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



CC3332



FFC5C4



CC32CC



805C5C



000000



808080



# Same Dimension

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



CC3332



FF1817



CC7F32



665C5C



A60100



260000



# Inverse Universe

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



32CBCC



17FDFF



327FCC



5C6666



00A5A6



002626



# Previews

## White Background



This preview shows how the Hex color CC3332 looks on a white background.

## Color Contrast Check

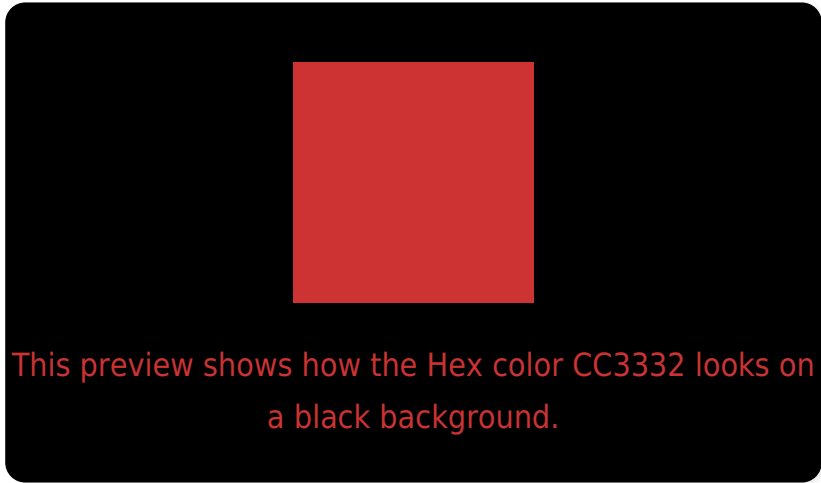
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3332 Background



This preview shows how black text looks on a background with the Hex color CC3332.



This preview shows how white text looks on a background with the Hex color CC3332.

# 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



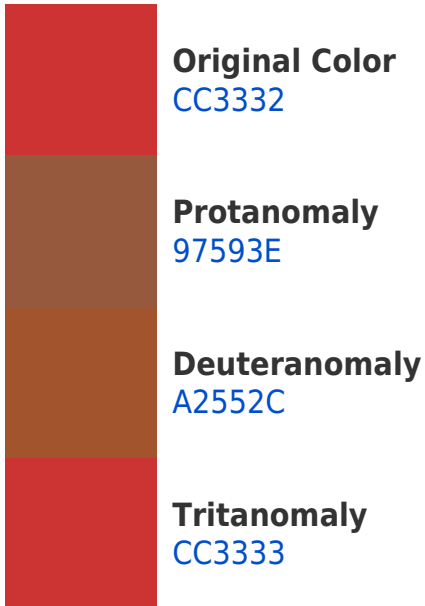
**Original Color**  
CC3332

**Protanopia**  
786E45

**Deuteranopia**  
8A6928



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC3332 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 #CC3332 looks like.

```
.text, #text, p{  
    color:#CC3332  
}
```

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 #CC3332 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3332
}
```

## Border

The CSS property to change the border of an element to Hex CC3332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

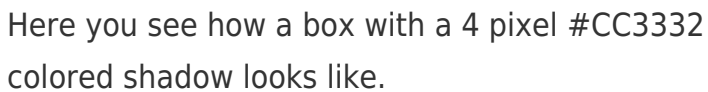
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC3332 }
```

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

```
.border{ border-color:#CC3332 }
```

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



Here you see how a box with a 4 pixel `#CC3332` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3332; -webkit-box-shadow:4px 4px  
4px 4px #CC3332; box-shadow:4px 4px 4px  
4px #CC3332 }
```

# Background

The CSS property to change the background color of an element to Hex CC3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3332 }
```

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

```
.background{ background-color:#CC3332 }
```

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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