

# Converting Colors

Hex(CF3344)

Have a look what the booklet for  
Hex(CF3344) contains.

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# Color

Hex(CF3344)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF3344
RGB	207, 51, 68
RGB Percent	81%, 20%, 27%
CMY	0.1882, 0.8000, 0.7333
CMYK	0.00, 0.75, 0.67, 0.19
HSL	353°, 62%, 51%
HSV	353°, 75%, 81%
XYZ	27.9593, 16.0504, 7.0933
YIQ	99.5820, 87.5190, 38.3590

# Conversions

## Conversions Part 2

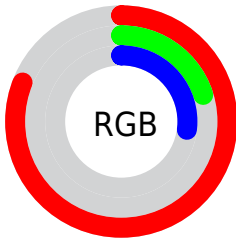
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 51, 68
Decimal	13579076
CIE Lab	47.04, 60.81, 28.22
CIE LCh	47, 67.033, 24.893
Yxy	16.0504, 0.5471, 0.3141
Android (android.graphics.Color)	4291769156 (0xFFCF3344)
YUV	99.5820, -15.5699, 94.2056
Hunter-Lab	40.0630, 54.4623, 17.5466

# Details

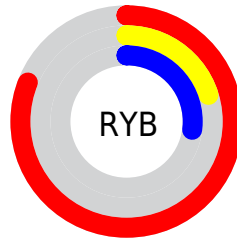
The Hex color **CF3344** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33CFBE**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6E74**, and **910019** is the 20% darker color. If you saturate the color by 10%, you get **CF1E32**, and if you desaturate by 10%, it is **CF4856**.

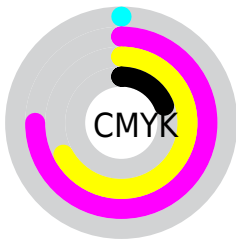
# Distribution



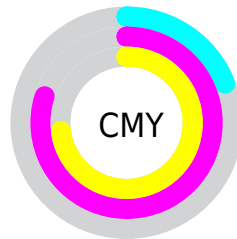
- Red (81%)
- Green (20%)
- Blue (27%)



- Red (81%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (75%)
- Yellow (67%)
- Black (19%)



- Cyan (19%)
- Magenta (80%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF3344 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 CF3344 by changing the saturation by 10% instead.



 CF3344

 CF3344

FFFFFF

 B0072E

 FF6E74

 910019

 FF8A8E

 730000

 FFA7A8

 540000

 FFC4C3

 380002

 FFE1DF

 0D0000

FFFFFFC

 000000

 CF3344

 CF3344

 CF1E32

 CF4856

 CF0A1F

 CF5C69

 CF0017

 CF717B

 CF868E

 CF9BA0

 CFAFB3

 CFC4C5

 CFD9D8

 CFDEDA

# Harmonies

## Analogous

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



CC2B7C



CF3344



B85108

# Triad

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



CF3344



008328



007AE1

# Complementary

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



CF3344



33CFBE

# 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.



0084CC



CF3344



008764

# Square

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



CF3344



5A7A00



00889E



5465D7

# Rectangle

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



CF3344



9E6200



00889E



007EDD



# Sweetspot

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



CF3344



FFC4CB



BD33CF



805C60



000000



808080



# Same Dimension

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



CF3344



FF1933



CF6F33



695E5F



A80012



290004



# Inverse Universe

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



CF3344



FF1933



3393CF



695E5F



A80012



290004



# Previews

## White Background



This preview shows how the Hex color CF3344 looks on a white background.

## Color Contrast Check

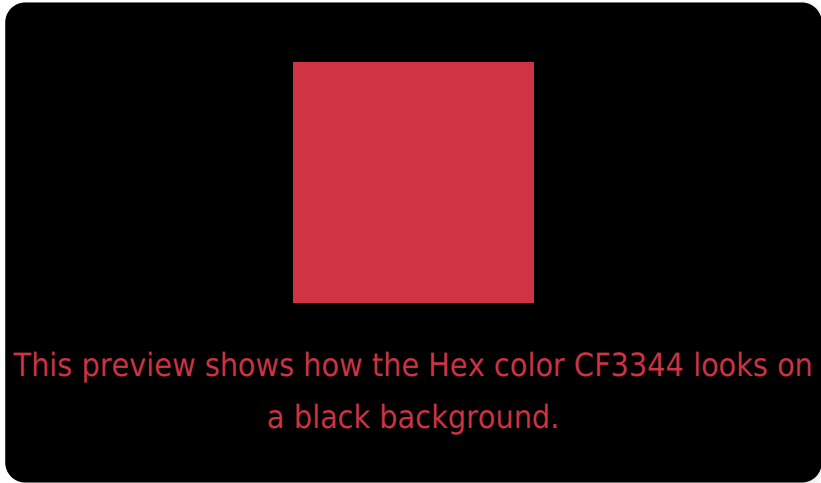
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF3344 Background



This preview shows how black text looks on a background with the Hex color CF3344.



This preview shows how white text looks on a background with the Hex color CF3344.

# Color Blindness Simulation

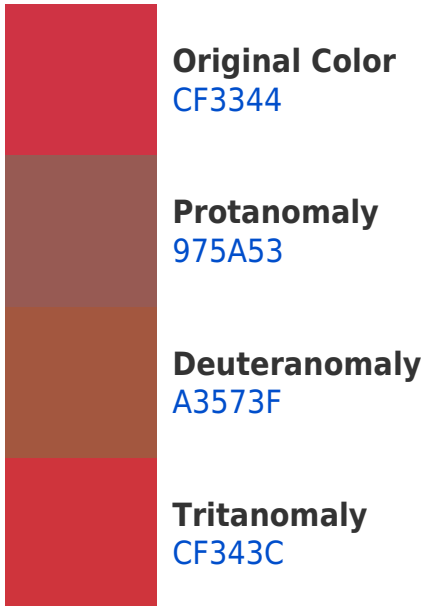
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF3344 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 #CF3344 looks like.

```
.text, #text, p{  
    color:#CF3344  
}
```

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 #CF3344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF3344
}
```

## Border

The CSS property to change the border of an element to Hex CF3344 is called "border". The border property can be set on classes, ids or directly on the HTML element.

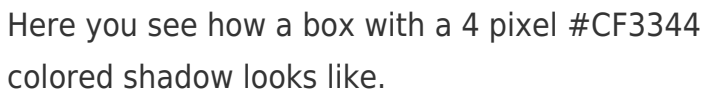
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF3344 }
```

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

```
.border{ border-color:#CF3344 }
```

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



Here you see how a box with a 4 pixel `#CF3344` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF3344; -webkit-box-shadow:4px 4px  
4px 4px #CF3344; box-shadow:4px 4px 4px  
4px #CF3344 }
```

# Background

The CSS property to change the background color of an element to Hex CF3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF3344 }
```

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

```
.background{ background-color:#CF3344 }
```

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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