

# Converting Colors

Hex(FC3232)

Have a look what the booklet for  
Hex(FC3232) contains.

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**Color**

**Hex(FC3232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC3232
RGB	252, 50, 50
RGB Percent	99%, 20%, 20%
CMY	0.0118, 0.8039, 0.8039
CMYK	0.00, 0.80, 0.80, 0.01
HSL	0°, 97%, 59%
HSV	0°, 80%, 99%
XYZ	41.8612, 23.2069, 5.2907
YIQ	110.3980, 120.3920, 42.8240

# Conversions

## Conversions Part 2

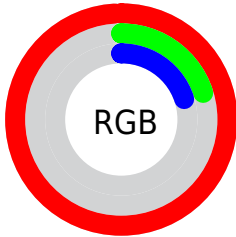
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 50, 50
Decimal	16527922
CIE Lab	55.28, 73.16, 49.92
CIE LCh	55, 88.567, 34.311
Yxy	23.2069, 0.5950, 0.3298
Android (android.graphics.Color)	4294718002 (0xFFFC3232)
YUV	110.3980, -29.7762, 124.1850
Hunter-Lab	48.1736, 70.8067, 27.2100

# Details

The Hex color **FC3232** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **32FCFC**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7362**, and **BA0004** is the 20% darker color. If you saturate the color by 10%, you get **FC1919**, and if you desaturate by 10%, it is **FC4B4B**.

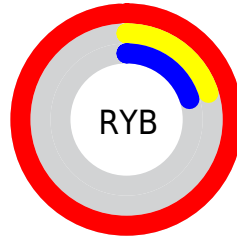
# Distribution



Red (99%)

Green (20%)

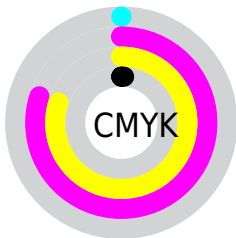
Blue (20%)



Red (99%)

Yellow (20%)

Blue (20%)

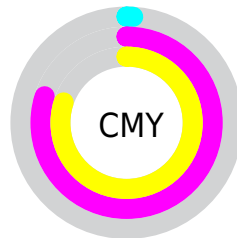


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (1%)



Cyan (1%)

Magenta (80%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC3232 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 FC3232 by changing the saturation by 10% instead.



 FC3232

 FC3232

FFFFFF

 DB001B

 FF7362

 BA0004

 FF917B

 9A0000

 FFAF96

 790000

 FFCDB0

 5A0002

 FFEBCB

 3C0003

 FFFFE9

 150000

 000000

 FC3232

 FC3232

 FC1919

 FC4B4B

 FC0000

 FC6464

 FC7E7E

 FC9797

 FCB0B0

 FCC9C9

 FCE2E2

 FCF0FC

 FCFFFF

# Harmonies

## Analogous

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



FF007D



FC3232



D46600

# Triad

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



FC3232



00A03C



008CFF

# Complementary

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



FC3232



32FCFC

# 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.



009DFF



FC3232



00A48E

# Square

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



FC3232



429700



00A4DA



8A69FF

# Rectangle

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



FC3232



AD7C00



00A4DA



0093FF



# Sweetspot

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



FC3232



FFC2C2



FC32FC



805B5B



000000



808080



# Same Dimension

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



FC3232



FF0A0A



FC9732



7D7070



BD0000



3D0000



# Inverse Universe

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



32FCFC



0AFFFF



3297FC



707D7D



00BDBD



003D3D



# Previews

## White Background



This preview shows how the Hex color FC3232 looks on a white 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

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FC3232 Background



This preview shows how black text looks on a background with the Hex color FC3232.



This preview shows how white text looks on a background with the Hex color FC3232.

# 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**  
FC3232

**Protanopia**  
928549

**Deuteranopia**  
A77E20



# Trichromacy



**Original Color**  
FC3232

**Protanomaly**  
B96741

**Deuteranomaly**  
C66227

**Tritanomaly**  
FC3232

# Monochromacy



**Original Color**  
FC3232

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
A25858

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC3232 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 #FC3232 looks like.

```
.text, #text, p{  
    color:#FC3232  
}
```

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 #FC3232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC3232
}
```

## Border

The CSS property to change the border of an element to Hex FC3232 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".

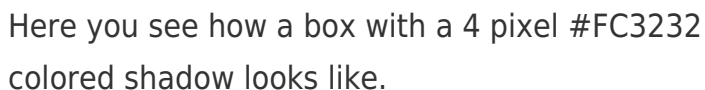
```
.border, #border, table{ border:4px solid
#FC3232 }
```

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

```
.border{ border-color:#FC3232 }
```

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

Here you see how a box with a 4 pixel #FC3232 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC3232; -webkit-box-shadow:4px 4px  
4px 4px #FC3232; box-shadow:4px 4px 4px  
4px #FC3232 }
```

# Background

The CSS property to change the background color of an element to Hex FC3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC3232 }
```

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

```
.background{ background-color:#FC3232 }
```

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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