

# Converting Colors

Hex(FF3248)

Have a look what the booklet for  
Hex(FF3248) contains.

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**Color**

**Hex(F3248)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3248
RGB	255, 50, 72
RGB Percent	100%, 20%, 28%
CMY	0.0000, 0.8039, 0.7176
CMYK	0.00, 0.80, 0.72, 0.00
HSL	354°, 100%, 60%
HSV	354°, 80%, 100%
XYZ	43.5503, 24.0091, 8.4698
YIQ	113.8030, 115.1180, 50.3020

# Conversions

## Conversions Part 2

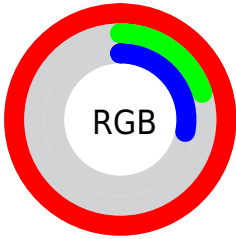
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 50, 72
Decimal	16724552
CIE <sub>Lab</sub>	56.10, 74.70, 38.93
CIE <sub>LCh</sub>	56, 84.240, 27.524
Yxy	24.0091, 0.5728, 0.3158
Android (android.graphics.Color)	4294914632 (0xFFFF3248)
YUV	113.8030, -20.6089, 123.8298
Hunter-Lab	48.9991, 72.9022, 24.0508

# Details

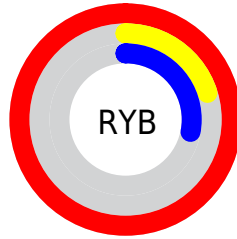
The Hex color **FF3248** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **32FFE9**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7479**, and **BE001C** is the 20% darker color. If you saturate the color by 10%, you get **FF1831**, and if you desaturate by 10%, it is **FF4C5F**.

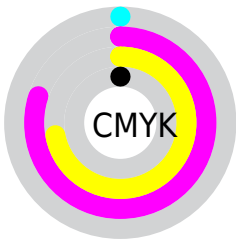
# Distribution



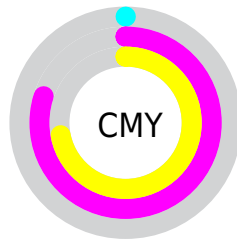
- Red (100%)
- Green (20%)
- Blue (28%)



- Red (100%)
- Yellow (20%)
- Blue (28%)



- Cyan (0%)
- Magenta (80%)
- Yellow (72%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3248 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 FF3248 by changing the saturation by 10% instead.



 FF3248

 FF3248

FFFFFF

 DE0031

 FF7479

 BE001C

 FF9292

 9D0006

 FFB0AD

 7D0000

 FFCEC8

 5D0002

 FFECE5

 3F0003

 1C0001

 000000

 FF3248

 FF3248

 FF1831

 FF4C5F

 FF001B

 FF6576

 FF7F8C

 FF98A3

 FFB2BA

 FFCBD1

 FFE5E7

FFFEFE

FFFFFF

# Harmonies

## Analogous

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



FF1790



FF3248



DE6100

# Triad

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



FF3248



00A02F



0092FF

# Complementary

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



FF3248



32FFE9

# 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.



00A1FF



FF3248



00A57E

# Square

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



FF3248



609600



00A5C9



6C76FF

# Rectangle

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



FF3248



BC7800



00A5C9



0098FF



# Sweetspot

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



FF3248



FFC2C8



E732FF



805B5E



000000



808080



# Same Dimension

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



FF3248



FF0A24



FF8132



807374



BF0015



400007



# Inverse Universe

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



FF3248



FF0A24



32B0FF



807374



BF0015



400007



# Previews

## White Background



This preview shows how the Hex color FF3248 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 FF3248 Background



This preview shows how black text looks on a background with the Hex color FF3248.



This preview shows how white text looks on a background with the Hex color FF3248.

# 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



**Original Color**  
FF3248

**Protanomaly**  
B8685A

**Deuteranomaly**  
C76440

**Tritanomaly**  
FE343D

# Monochromacy



**Original Color**  
FF3248

**Achromatopsia**  
727272

**Achromatomaly**  
A55B63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3248 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 #FF3248 looks like.

```
.text, #text, p{  
    color:#FF3248  
}
```

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 #FF3248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3248
}
```

## Border

The CSS property to change the border of an element to Hex FF3248 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
#FF3248 }
```

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

```
.border{ border-color:#FF3248 }
```

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

Here you see how a box with a 4 pixel #FF3248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3248; -webkit-box-shadow:4px 4px  
4px 4px #FF3248; box-shadow:4px 4px 4px  
4px #FF3248 }
```

# Background

The CSS property to change the background color of an element to Hex FF3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3248 }
```

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

```
.background{ background-color:#FF3248 }
```

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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