

# Converting Colors

Hex(FF5240)

Have a look what the booklet for  
Hex(FF5240) contains.

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**Color**

**Hex(F5240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5240
RGB	255, 82, 64
RGB Percent	100%, 32%, 25%
CMY	0.0000, 0.6784, 0.7490
CMYK	0.00, 0.68, 0.75, 0.00
HSL	6°, 100%, 63%
HSV	6°, 75%, 100%
XYZ	45.1827, 27.6648, 7.8089
YIQ	131.6750, 108.8860, 31.0780

# Conversions

## Conversions Part 2

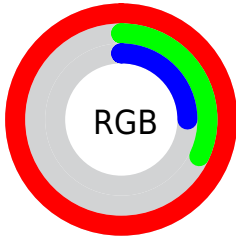
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 84, 64
Decimal	16732736
CIELab	59.58, 64.43, 47.22
CIELCh	60, 79.882, 36.240
Yxy	27.6648, 0.5602, 0.3430
Android (android.graphics.Color)	4294922816 (0xFFFF5240)
YUV	131.6750, -33.3638, 108.1560
Hunter-Lab	52.5973, 61.2918, 28.0155

# Details

The Hex color **FF5240** is a dark color, and the websafe version is hex **FF3333**. The color can be described as middle washed red. A complement of this color would be **40EDFF**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF8C71**, and **BE0012** is the 20% darker color. If you saturate the color by 10%, you get **FF3B26**, and if you desaturate by 10%, it is **FF695A**.

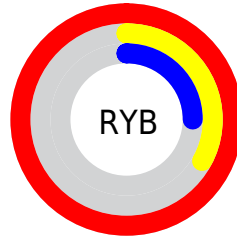
# Distribution



Red (100%)

Green (32%)

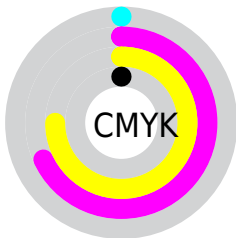
Blue (25%)



Red (100%)

Yellow (33%)

Blue (25%)

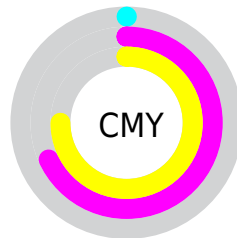


Cyan (0%)

Magenta (68%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (68%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5240 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 FF5240 by changing the saturation by 10% instead.



 FF5240

 FF5240

FFFFFF

 DE3229

 FF8C71

 BE0012

 FFA98B

 9E0000

 FFC6A6

 7E0000

 FFE3C1

 5F0000

 FFFFDD

 430003

 FFFFFA

 210001

 000000

 FF5240

 FF5240

■ FF3B26

■ FF695A

■ FF240D

■ FF8073

■ FF1800

■ FF978D

■ FFAEA6

■ FFC5C0

■ FFDDD9

■ FFF4F3

FFFFFF

# Harmonies

## Analogous

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



FF3884



FF5240



D97600

# Triad

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



FF5240



00AB53



0094FF

# Complementary

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



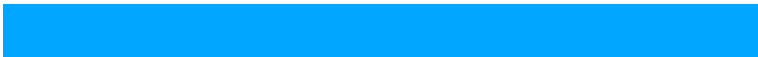
FF5240



40EDFF

# 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.



00A6FF



FF5240



00AE9D

# Square

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



FF5240



54A200



00ADE1



A075FF

# Rectangle

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



FF5240



B58A00



00ADE1



009BFF



# Sweetspot

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



FF5240



FFCC7



FF40EF



80615E



000000



808080



# Same Dimension

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



FF5240



FF2F19



FFAF40



807473



BF1200

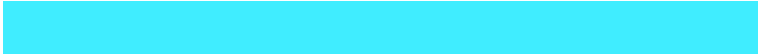


400600



# Inverse Universe

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



40EDFF



19E9FF



4090FF



737E80



00ADB8



003A40



# Previews

## White Background



This preview shows how the Hex color FF5240 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 FF5240 Background



This preview shows how black text looks on a background with the Hex color FF5240.



This preview shows how white text looks on a background with the Hex color FF5240.

# 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**  
FF5240

**Protanopia**  
9E9054

**Deuteranopia**  
B38934



**Tritanopia**  
FF5054

# Trichromacy



**Original Color**  
FF5240

**Protanomaly**  
C1794D

**Deuteranomaly**  
CF7538

**Tritanomaly**  
FF514D

# Monochromacy



**Original Color**  
FF5240

**Achromatopsia**  
848484

**Achromatomaly**  
B1726B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5240 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 #FF5240 looks like.

```
.text, #text, p{  
    color:#FF5240  
}
```

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 #FF5240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5240
}
```

## Border

The CSS property to change the border of an element to Hex FF5240 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
#FF5240 }
```

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

```
.border{ border-color:#FF5240 }
```

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

Here you see how a box with a 4 pixel #FF5240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5240; -webkit-box-shadow:4px 4px  
4px 4px #FF5240; box-shadow:4px 4px 4px  
4px #FF5240 }
```

# Background

The CSS property to change the background color of an element to Hex FF5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5240 }
```

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

```
.background{ background-color:#FF5240 }
```

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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