

Converting Colors

Hex(FC5249)

Have a look what the booklet for
Hex(FC5249) contains.

Hex(FC5249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**FC5249**)

Conversions

Conversions Part 1

Format	Color
Hex	FC5249
RGB	252, 82, 73
RGB Percent	99%, 32%, 29%
CMY	0.0118, 0.6784, 0.7137
CMYK	0.00, 0.67, 0.71, 0.01
HSL	3°, 97%, 64%
HSV	3°, 71%, 99%
XYZ	44.3648, 27.2111, 9.2173
YIQ	131.8040, 104.2090, 33.2410

Conversions

Conversions Part 2

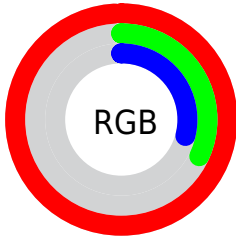
Format	Color
R_{YB}	252, 82, 73
Decimal	16536137
CIE _{Lab}	59.17, 63.85, 41.79
CIE _{LCh}	59, 76.308, 33.202
Yxy	27.2111, 0.5491, 0.3368
Android (android.graphics.Color)	4294726217 (0xFFFC5249)
YUV	131.8040, -28.9904, 105.4119
Hunter-Lab	52.1642, 60.5237, 26.0385

Details

The Hex color **FC5249** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **49F3FC**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF8C7A**, and **BC011C** is the 20% darker color. If you saturate the color by 10%, you get **FC3A30**, and if you desaturate by 10%, it is **FC6A62**.

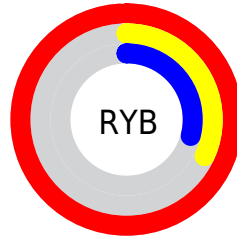
Distribution



Red (99%)

Green (32%)

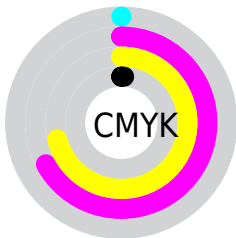
Blue (29%)



Red (99%)

Yellow (32%)

Blue (29%)

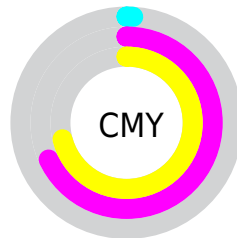


Cyan (0%)

Magenta (67%)

Yellow (71%)

Black (1%)



Cyan (1%)

Magenta (68%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC5249 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 FC5249 by changing the saturation by 10% instead.

 FC5249

 FC5249

FFFFFF

 DC3332

 FF8C7A

 BC011C

 FFA994

 9C0005

 FFC6AF

 7D0000

 FFE3CB

 5D0000

 FFFF E7

 410003

 1F0001

 000000

 FC5249

 FC5249

 FC3A30

 FC6A62

 FC2217

 FC827B

 FC0D00

 FC9A95

 FCB2AE

 FCCAC7

 FCE2E0

 FCFAF9

 FCFFFF

Harmonies

Analogous

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



FF3F8A



FC5249



DA7300

Triad

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



FC5249



00A84E



0095FF

Complementary

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



FC5249



49F3FC

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.



00A5FF



FC5249



00AC94

Square

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



FC5249



609F00



00ABD7



9479FF

Rectangle

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



FC5249



B88600



00ABD7



009BFF

Sweetspot

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



FC5249



FFCCC9



FC49F3



806160



000000



808080

Same Dimension

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



FC5249



FF3126



FCAB49



7D7170



BD0900



3D0300

Inverse Universe

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



49F3FC



26F4FF



499AFC



707C7D



00B3BD



003A3D

Previews

White Background



This preview shows how the Hex color FC5249 looks on a white background.

Color Contrast Check

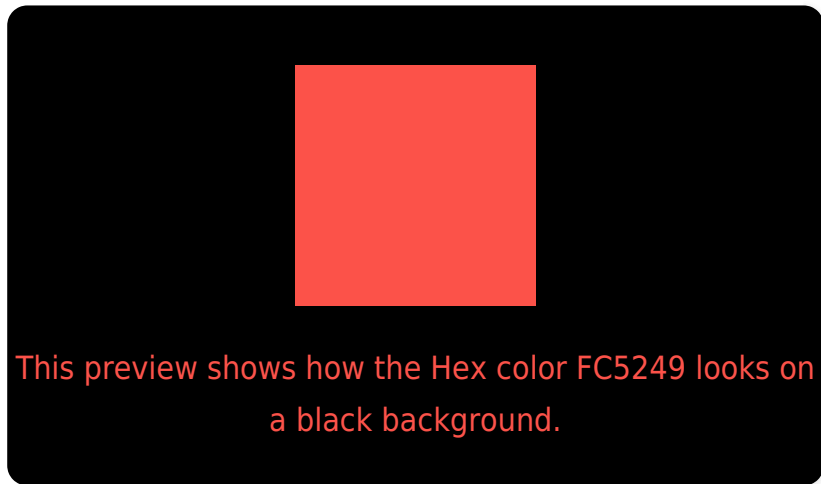
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC5249 Background



This preview shows how black text looks on a background with the Hex color FC5249.



This preview shows how white text looks on a background with the Hex color FC5249.

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
FC5249

Protanopia
9B8F5E

Deuteranopia
B1883F



Trichromacy



Original Color
FC5249

Protanomaly
BE7956

Deuteranomaly
CC7443

Tritanomaly
FC5151

Monochromacy



Original Color
FC5249

Achromatopsia
848484

Achromatomaly
B0726F

CSS Examples

Text

The CSS property to change the color of the text to Hex FC5249 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 #FC5249 looks like.

```
.text, #text, p{  
    color:#FC5249  
}
```

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 #FC5249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC5249
}
```

Border

The CSS property to change the border of an element to Hex FC5249 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
#FC5249 }
```

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

```
.border{ border-color:#FC5249 }
```

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

Here you see how a box with a 4 pixel #FC5249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC5249; -webkit-box-shadow:4px 4px  
4px 4px #FC5249; box-shadow:4px 4px 4px  
4px #FC5249 }
```

Background

The CSS property to change the background color of an element to Hex FC5249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC5249 }
```

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

```
.background{ background-color:#FC5249 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor