

Converting Colors

Hex(FF5876)

Have a look what the booklet for
Hex(FF5876) contains.

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Color

Hex(F5876)

Conversions

Conversions Part 1

Format	Color
Hex	FF5876
RGB	255, 88, 118
RGB Percent	100%, 35%, 46%
CMY	0.0000, 0.6549, 0.5373
CMYK	0.00, 0.65, 0.54, 0.00
HSL	349°, 100%, 67%
HSV	349°, 65%, 100%
XYZ	47.9997, 29.5475, 20.3129
YIQ	141.3530, 89.9020, 44.7340

Conversions

Conversions Part 2

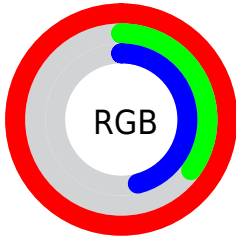
Format	Color
RYB	255, 88, 118
Decimal	16734326
CIELab	61.26, 65.15, 18.93
CIELCh	61, 67.841, 16.203
Yxy	29.5475, 0.4905, 0.3019
Android (android.graphics.Color)	4294924406 (0xFFFF5876)
YUV	141.3530, -11.5130, 99.6684
Hunter-Lab	54.3576, 62.4963, 15.8942

Details

The Hex color **FF5876** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **58FFE1**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF92AA**, and **C00F46** is the 20% darker color. If you saturate the color by 10%, you get **FF3F61**, and if you desaturate by 10%, it is **FF728B**.

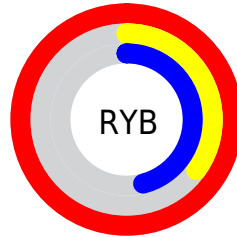
Distribution



Red (100%)

Green (35%)

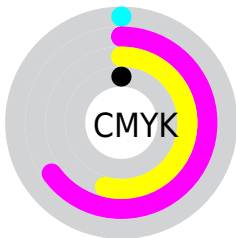
Blue (46%)



Red (100%)

Yellow (35%)

Blue (46%)

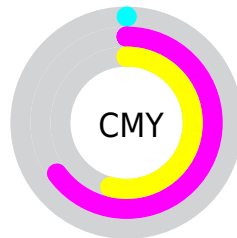


Cyan (0%)

Magenta (65%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5876 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 FF5876 by changing the saturation by 10% instead.

 FF5876

 FF5876

FFFFFF

 DF395D

 FF92AA

 C00F46

 FFAFC5

 A10030

 FFCCE1

 83001C

 FFEAFE

 650001

 480003

 290001

 000000

 FF5876

 FF5876

 FF3F61

 FF728B

 FF254C

 FF8BA0

 FF0C37

 FFA5B5

 FF002E

 FFBECA

 FFD8DF

 FFF1F4

FFFFFF

Harmonies

Analogous

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



F15BB2



FF5876



EE6D3F

Triad

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



FF5876



49A83A



00A3FF

Complementary

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



FF5876



58FFE1

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.



00ADEA



FF5876



00AE75

Square

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



FF5876



929B00



00B0B4



5590FF

Rectangle

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



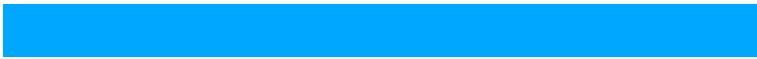
FF5876



D67F1C



00B0B4



00A7FF

Sweetspot

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



FF5876



FFCCD5



E058FF



806166



000000



808080

Same Dimension

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



FF5876



FF365A



FF8D58



807375



BF0022



40000B

Inverse Universe

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



FF5876



FF365A



58CAFF



807375



BF0022



40000B

Previews

White Background



This preview shows how the Hex color FF5876 looks on a white background.

Color Contrast Check

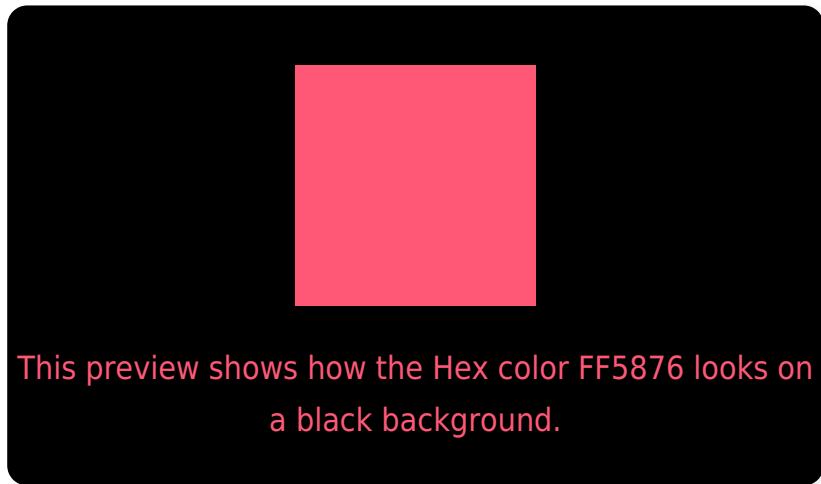
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5876 Background



This preview shows how black text looks on a background with the Hex color FF5876.



This preview shows how white text looks on a background with the Hex color FF5876.

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](#).

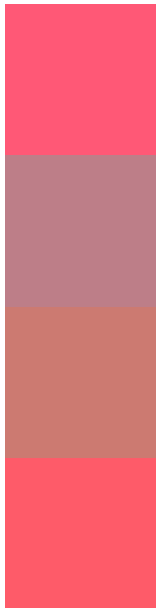
Dichromacy





Tritanopia
FE5C61

Trichromacy



Original Color
FF5876

Protanomaly
BD7E88

Deuteranomaly
CC7A71

Tritanomaly
FE5B69

Monochromacy



Original Color
FF5876

Achromatopsia
8D8D8D

Achromatomaly
B67A85

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5876 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 #FF5876 looks like.

```
.text, #text, p{  
    color:#FF5876  
}
```

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 #FF5876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5876
}
```

Border

The CSS property to change the border of an element to Hex FF5876 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
#FF5876 }
```

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

```
.border{ border-color:#FF5876 }
```

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

Here you see how a box with a 4 pixel #FF5876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5876; -webkit-box-shadow:4px 4px  
4px 4px #FF5876; box-shadow:4px 4px 4px  
4px #FF5876 }
```

Background

The CSS property to change the background color of an element to Hex FF5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5876 }
```

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

```
.background{ background-color:#FF5876 }
```

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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