

# Converting Colors

Hex(FF5480)

Have a look what the booklet for  
Hex(FF5480) contains.

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# **Color**

**Hex(F5480)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5480
RGB	255, 84, 128
RGB Percent	100%, 33%, 50%
CMY	0.0000, 0.6706, 0.4980
CMYK	0.00, 0.67, 0.50, 0.00
HSL	345°, 100%, 66%
HSV	345°, 67%, 100%
XYZ	48.3066, 29.1592, 23.5043
YIQ	140.1450, 87.7920, 49.9360

# Conversions

## Conversions Part 2

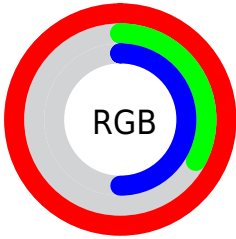
Format	Color
R <sub>Y</sub> B	255, 84, 128
Decimal	16733312
CIE Lab	60.92, 67.46, 12.65
CIE LCh	61, 68.634, 10.620
Yxy	29.1592, 0.4784, 0.2888
Android (android.graphics.Color)	4294923392 (0xFFFF5480)
YUV	140.1450, -5.9875, 100.7278
Hunter-Lab	53.9992, 65.1838, 11.9922

# Details

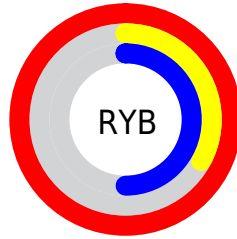
The Hex color **FF5480** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **54FFD3**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF8FB5**, and **C0004F** is the 20% darker color. If you saturate the color by 10%, you get **FF3A6D**, and if you desaturate by 10%, it is **FF6D93**.

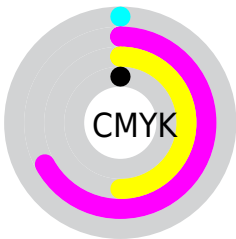
# Distribution



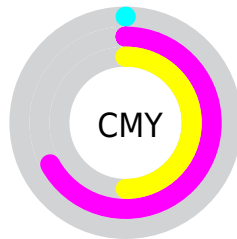
- Red (100%)
- Green (33%)
- Blue (50%)



- Red (100%)
- Yellow (33%)
- Blue (50%)



- Cyan (0%)
- Magenta (67%)
- Yellow (50%)
- Black (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5480 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 FF5480 by changing the saturation by 10% instead.



 FF5480

 FF5480

FFFFFF

 E03467

 FF8FB5

 C0004F

 FFACD0

 A20039

 FFC9EC

 830024

 FFE7FF

 65000F

 490003

 290001

 000000

 FF5480

 FF5480

 FF3A6D

 FF6D93

 FF215A

 FF87A6

 FF0847

 FFA1B9

 FF0042

 FFBACC

 FFD3DF

 FFEDF2

FFFFFF

# Harmonies

## Analogous

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



EB5DBD



FF5480



F36747

# Triad

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



FF5480



58A52C



00A4FF

# Complementary

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



FF5480



54FFD3

# 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.



00ADE1



FF5480



00AC68

# Square

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



FF5480



9C9700



00AFA8



1E93FF

# Rectangle

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



FF5480



DD7923



00AFA8



00A8FC



# Sweetspot

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



FF5480



FFCCD9



D154FF



806169



000000



808080



# Same Dimension

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



FF5480



FF3367



FF7C54



807376



BF0031



400010



# Inverse Universe

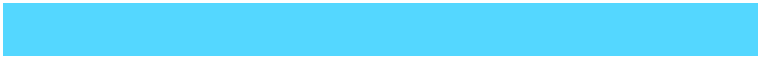
The Inverse Universe completely reimagines the original color for something new.



FF5480



FF3367



54D7FF



807376



BF0031

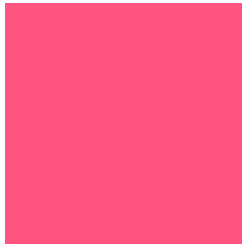


400010



# Previews

## White Background



This preview shows how the Hex color FF5480 looks on a white background.

## Color Contrast Check

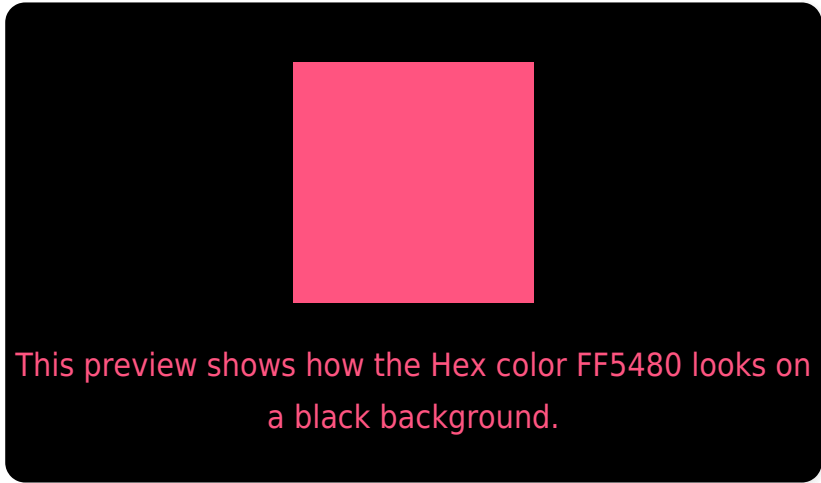
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5480 Background



This preview shows how black text looks on a background with the Hex color FF5480.

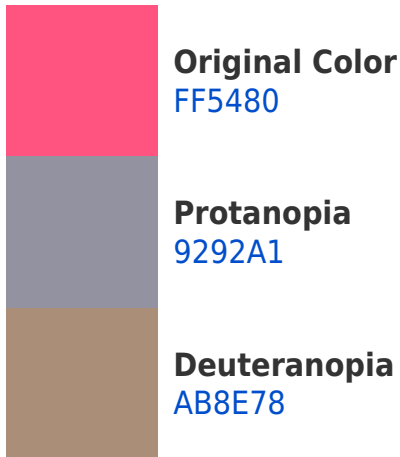


This preview shows how white text looks on a background with the Hex color FF5480.

# 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**  
FF5480



**Protanomaly**  
BA7B95



**Deuteranomaly**  
CA797B

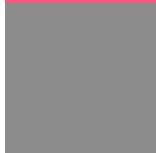


**Tritanomaly**  
FE586C

# Monochromacy



**Original Color**  
FF5480



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
B67888

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5480 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 #FF5480 looks like.

```
.text, #text, p{  
    color:#FF5480  
}
```

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 #FF5480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5480
}
```

## Border

The CSS property to change the border of an element to Hex FF5480 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
#FF5480 }
```

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

```
.border{ border-color:#FF5480 }
```

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

Here you see how a box with a 4 pixel #FF5480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5480; -webkit-box-shadow:4px 4px  
4px 4px #FF5480; box-shadow:4px 4px 4px  
4px #FF5480 }
```

# Background

The CSS property to change the background color of an element to Hex FF5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5480 }
```

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

```
.background{ background-color:#FF5480 }
```

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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