

Converting Colors

Hex(FF3178)

Have a look what the booklet for
Hex(FF3178) contains.

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Color

Hex(FF3178)

Conversions

Conversions Part 1

Format	Color
Hex	FF3178
RGB	255, 49, 120
RGB Percent	100%, 19%, 47%
CMY	0.0000, 0.8078, 0.5294
CMYK	0.00, 0.81, 0.53, 0.00
HSL	339°, 100%, 60%
HSV	339°, 81%, 100%
XYZ	45.7285, 24.8127, 20.1485
YIQ	118.6880, 99.9850, 65.7530

Conversions

Conversions Part 2

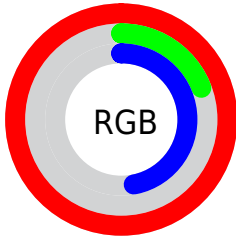
Format	Color
R _Y B	255, 49, 120
Decimal	16724344
CIE Lab	56.89, 77.60, 11.71
CIE LCh	57, 78.476, 8.579
Yxy	24.8127, 0.5042, 0.2736
Android (android.graphics.Color)	4294914424 (0xFFFF3178)
YUV	118.6880, 0.6468, 119.5456
Hunter-Lab	49.8123, 76.6941, 10.8866

Details

The Hex color **FF3178** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **31FFB8**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF75AC**, and **BF0048** is the 20% darker color. If you saturate the color by 10%, you get **FF1867**, and if you desaturate by 10%, it is **FF4B89**.

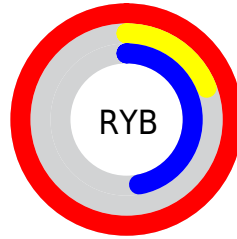
Distribution



Red (100%)

Green (19%)

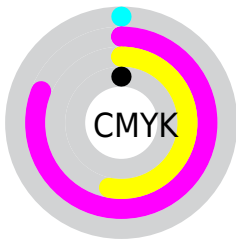
Blue (47%)



Red (100%)

Yellow (19%)

Blue (47%)

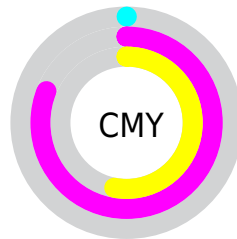


Cyan (0%)

Magenta (81%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (81%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3178 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 FF3178 by changing the saturation by 10% instead.

 FF3178

 FF3178

FFFFFF

 DF005F

 FF75AC

 BF0048

 FF93C7

 A00032

 FFB1E3

 81001E

 FFCFFF

 620003

 FFEEFF

 440003

 230001

 000000

 FF3178

 FF3178

 FF1867

 FF4B89

 FF0058

 FF6499

 FF7EAA

 FF97BB

 FFB1CC

 FFCADC

 FFE4ED

 FFFDFE

FFFFFF

Harmonies

Analogous

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



E744BC



FF3178



F34F36

Triad

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



FF3178



469B00



009DFF

Complementary

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



FF3178



31FFB8

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.



00A5DD



FF3178



00A353

Square

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



FF3178



938C00



00A69B



008BFF

Rectangle

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



FF3178



DB6700



00A69B



00A1FD

Sweetspot

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



FF3178



FFC2D7



B731FF



805B67



000000



808080

Same Dimension

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



FF3178



FF085D



FF5031



807377



BF0042



400016

Inverse Universe

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



FF3178



FF085D



31E0FF



807377



BF0042



400016

Previews

White Background



This preview shows how the Hex color FF3178 looks on a white background.

Color Contrast Check

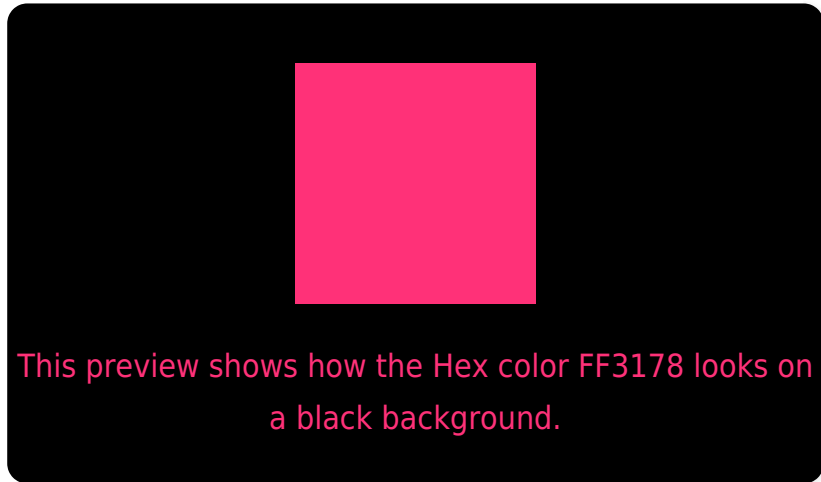
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3178 Background



This preview shows how black text looks on a background with the Hex color FF3178.

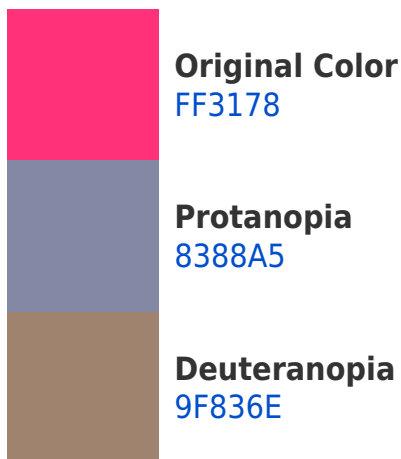


This preview shows how white text looks on a background with the Hex color FF3178.

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
FF3178



Protanomaly
B06895



Deuteranomaly
C26572



Tritanomaly
FD3B56

Monochromacy



Original Color
FF3178



Achromatopsia
777777



Achromatomaly
A85E77

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3178 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 #FF3178 looks like.

```
.text, #text, p{  
    color:#FF3178  
}
```

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 #FF3178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3178
}
```

Border

The CSS property to change the border of an element to Hex FF3178 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
#FF3178 }
```

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

```
.border{ border-color:#FF3178 }
```

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

Here you see how a box with a 4 pixel #FF3178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3178; -webkit-box-shadow:4px 4px  
4px 4px #FF3178; box-shadow:4px 4px 4px  
4px #FF3178 }
```

Background

The CSS property to change the background color of an element to Hex FF3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3178 }
```

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

```
.background{ background-color:#FF3178 }
```

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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