

Converting Colors

Hex(FF3188)

Have a look what the booklet for
Hex(FF3188) contains.

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Color

Hex(F3188)

Conversions

Conversions Part 1

Format	Color
Hex	FF3188
RGB	255, 49, 136
RGB Percent	100%, 19%, 53%
CMY	0.0000, 0.8078, 0.4667
CMYK	0.00, 0.81, 0.47, 0.00
HSL	335°, 100%, 60%
HSV	335°, 81%, 100%
XYZ	46.7822, 25.2342, 25.6975
YIQ	120.5120, 94.8490, 70.7290

Conversions

Conversions Part 2

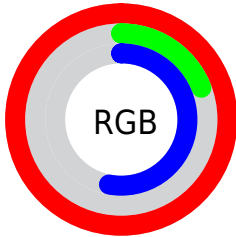
Format	Color
R_{YB}	255, 49, 136
Decimal	16724360
CIE _{Lab}	57.30, 78.82, 2.79
CIE _{LCh}	57, 78.865, 2.026
Yxy	25.2342, 0.4788, 0.2582
Android (android.graphics.Color)	4294914440 (0xFFFF3188)
YUV	120.5120, 7.6356, 117.9460
Hunter-Lab	50.2337, 78.3269, 4.8331

Details

The Hex color **FF3188** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **31FFA8**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF75BD**, and **C00057** is the 20% darker color. If you saturate the color by 10%, you get **FF1879**, and if you desaturate by 10%, it is **FF4B97**.

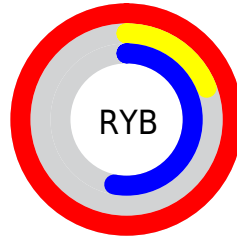
Distribution



Red (100%)

Green (19%)

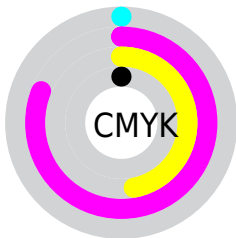
Blue (53%)



Red (100%)

Yellow (19%)

Blue (53%)

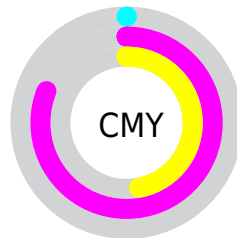


Cyan (0%)

Magenta (81%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (81%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3188 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 FF3188 by changing the saturation by 10% instead.

 FF3188

 FF3188

FFFFFF

 DF006F

 FF75BD

 C00057

 FF94D9

 A10040

 FFB2F5

 82002A

 FFD0FF

 630016

 FFE0FF

 470004

 260001

 000000

 FF3188

 FF3188

 FF1879

 FF4B97

 FF006C

 FF64A5

 FF7EB4

 FF97C3

 FFB1D2

 FFCAE0

 FFE4EF

 FFFDFE

FFFFFF

Harmonies

Analogous

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



DE4ECB



FF3188



FA4745

Triad

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



FF3188



5B9A00



00A1FF

Complementary

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



FF3188



31FFA8

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.



00A7D1



FF3188



00A344

Square

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



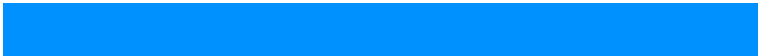
FF3188



A28800



00A78C



0091FF

Rectangle

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



FF3188



E56014



00A78C



00A4F6

Sweetspot

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



FF3188



FFC2DC



A631FF



805B6A



000000



808080

Same Dimension

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



FF3188



FF0870



FF3F31



807378



BF0051



40001B

Inverse Universe

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



FF3188



FF0870



31F1FF



807378



BF0051



40001B

Previews

White Background



This preview shows how the Hex color FF3188 looks on a white background.

Color Contrast Check

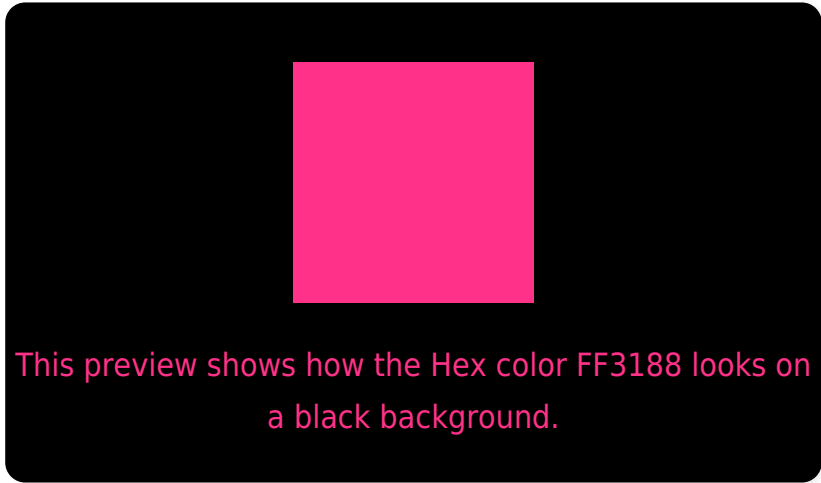
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3188 Background



This preview shows how black text looks on a background with the Hex color FF3188.



This preview shows how white text looks on a background with the Hex color FF3188.

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
FF3188



Protanomaly
AC68A8



Deuteranomaly
C06682



Tritanomaly
FC3D5F

Monochromacy



Original Color
FF3188



Achromatopsia
797979



Achromatomaly
AA5F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3188 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 #FF3188 looks like.

```
.text, #text, p{  
    color:#FF3188  
}
```

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 #FF3188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3188  
}
```

Border

The CSS property to change the border of an element to Hex FF3188 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  
#FF3188 }
```

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

```
.border{ border-color:#FF3188 }
```

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

Here you see how a box with a 4 pixel #FF3188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3188; -webkit-box-shadow:4px 4px  
4px 4px #FF3188; box-shadow:4px 4px 4px  
4px #FF3188 }
```

Background

The CSS property to change the background color of an element to Hex FF3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3188 }
```

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

```
.background{ background-color:#FF3188 }
```

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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