

Converting Colors

Hex(FF3583)

Have a look what the booklet for
Hex(FF3583) contains.

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Color

Hex(FF3583)

Conversions

Conversions Part 1

Format	Color
Hex	FF3583
RGB	255, 53, 131
RGB Percent	100%, 21%, 51%
CMY	0.0000, 0.7922, 0.4863
CMYK	0.00, 0.79, 0.49, 0.00
HSL	337°, 100%, 60%
HSV	337°, 79%, 100%
XYZ	46.6098, 25.4449, 23.9275
YIQ	122.2900, 95.3540, 67.0820

Conversions

Conversions Part 2

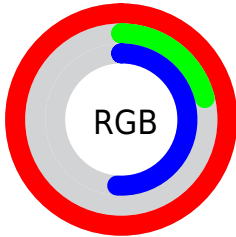
Format	Color
R_{YB}	255, 53, 131
Decimal	16725379
CIE _{Lab}	57.51, 77.45, 6.04
CIE _{LCh}	58, 77.688, 4.462
Yxy	25.4449, 0.4856, 0.2651
Android (android.graphics.Color)	4294915459 (0xFFFF3583)
YUV	122.2900, 4.2940, 116.3867
Hunter-Lab	50.4429, 76.6608, 7.1860

Details

The Hex color **FF3583** 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 **35FFB1**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF78B8**, and **C00052** is the 20% darker color. If you saturate the color by 10%, you get **FF1B73**, and if you desaturate by 10%, it is **FF4F93**.

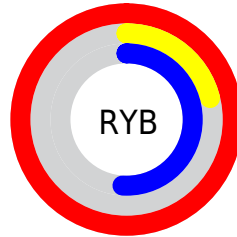
Distribution



Red (100%)

Green (21%)

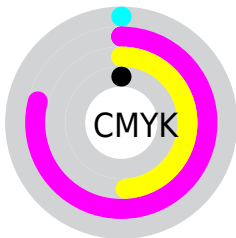
Blue (51%)



Red (100%)

Yellow (21%)

Blue (51%)

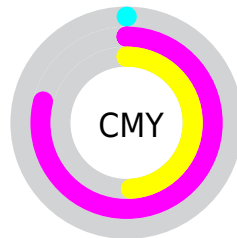


Cyan (0%)

Magenta (79%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (79%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3583 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 FF3583 by changing the saturation by 10% instead.

 FF3583

 FF3583

FFFFFF

 DF006A

 FF78B8

 C00052

 FF96D3

 A1003B

 FFB4F0

 820026

 FFD2FF

 630011

 FFF0FF

 460003

 250001

 000000

 FF3583

 FF3583

 FF1B73

 FF4F93

 FF0264

 FF68A2

 FF0062

 FF82B2

 FF9BC2

 FFB4D1

 FFCEE1

 FFE8F1

FFFFFF

Harmonies

Analogous

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



E24DC6



FF3583



F74D41

Triad

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



FF3583



569B00



00A0FF

Complementary

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



FF3583



35FFB1

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.



00A7D6



FF3583



00A44B

Square

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



FF3583



9E8B00



00A893



0090FF

Rectangle

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



FF3583



E26510



00A893



00A3F8

Sweetspot

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



FF3583



FFC2D9



AE35FF



805B69



000000



808080

Same Dimension

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



FF3583



FF0D6A



FF4935



807378



BF004A



400019

Inverse Universe

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



FF3583



FF0D6A



35EBFF



807378



BF004A



400019

Previews

White Background



This preview shows how the Hex color FF3583 looks on a white background.

Color Contrast Check

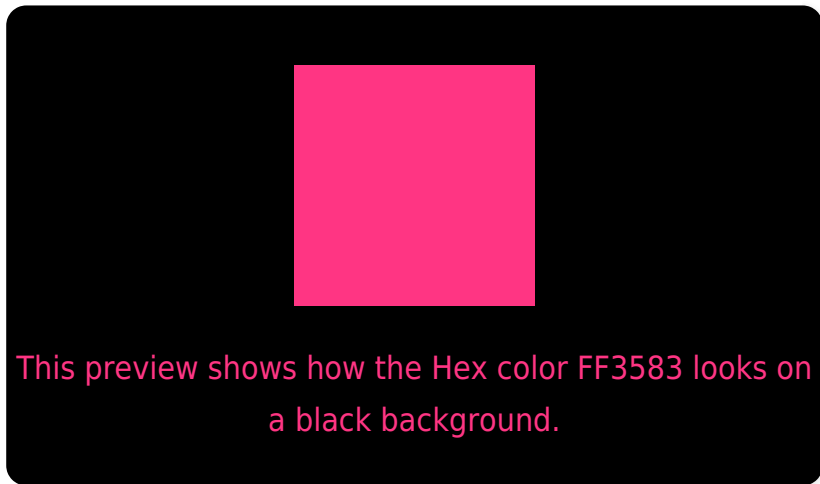
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3583 Background



This preview shows how black text looks on a background with the Hex color FF3583.



This preview shows how white text looks on a background with the Hex color FF3583.

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
FC4548

Trichromacy



Original Color
FF3583



Protanomaly
AE6AA1



Deuteranomaly
C1687D

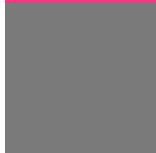


Tritanomaly
FD3F5D

Monochromacy



Original Color
FF3583



Achromatopsia
7A7A7A



Achromatomaly
AA617D

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3583 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 #FF3583 looks like.

```
.text, #text, p{  
    color:#FF3583  
}
```

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 #FF3583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3583
}
```

Border

The CSS property to change the border of an element to Hex FF3583 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
#FF3583 }
```

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

```
.border{ border-color:#FF3583 }
```

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

Here you see how a box with a 4 pixel #FF3583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3583; -webkit-box-shadow:4px 4px  
4px 4px #FF3583; box-shadow:4px 4px 4px  
4px #FF3583 }
```

Background

The CSS property to change the background color of an element to Hex FF3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3583 }
```

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

```
.background{ background-color:#FF3583 }
```

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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