

Converting Colors

Hex(FB1581)

Have a look what the booklet for
Hex(FB1581) contains.

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Color

Hex(FB1581)

Conversions

Conversions Part 1

Format	Color
Hex	FB1581
RGB	251, 21, 129
RGB Percent	98%, 8%, 51%
CMY	0.0157, 0.9176, 0.4941
CMYK	0.00, 0.92, 0.49, 0.02
HSL	332°, 97%, 53%
HSV	332°, 92%, 98%
XYZ	44.0143, 22.6305, 22.8172
YIQ	102.0820, 102.4120, 82.3480

Conversions

Conversions Part 2

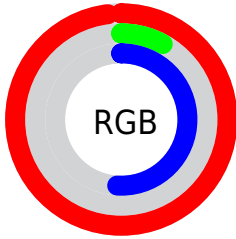
Format	Color
R_{YB}	251, 21, 129
Decimal	16455041
CIE _{Lab}	54.69, 82.13, 3.08
CIE _{LCh}	55, 82.192, 2.150
Yxy	22.6305, 0.4920, 0.2530
Android (android.graphics.Color)	4294645121 (0xFFFB1581)
YUV	102.0820, 13.2706, 130.6011
Hunter-Lab	47.5716, 81.9019, 4.8623

Details

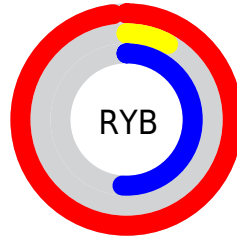
The Hex color **FB1581** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **15FB8F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF67B6**, and **BC0050** is the 20% darker color. If you saturate the color by 10%, you get **FB0076**, and if you desaturate by 10%, it is **FB2E8E**.

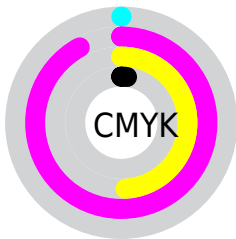
Distribution



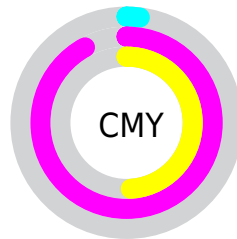
- Red (98%)
- Green (8%)
- Blue (51%)



- Red (98%)
- Yellow (8%)
- Blue (51%)



- Cyan (0%)
- Magenta (92%)
- Yellow (49%)
- Black (2%)



- Cyan (2%)
- Magenta (92%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB1581 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 FB1581 by changing the saturation by 10% instead.

 FB1581

 FB1581

FFFFFF

 DB0068

 FF67B6

 BC0050

 FF87D1

 9C003A

 FFA5ED

 7D0025

 FFC4FF

 5F000F

 FFE2FF

 400003

 1E0001

 000000

 FB1581

 FB1581

 FB0076

 FB2E8E

 FB479C

 FB60A9

 FB79B6

 FB93C4

 FBACD1

 FBC5DE

 FBDEEC

 FBF7F9

Harmonies

Analogous

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



D940C7



FB1581



F5393C

Triad

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



FB1581



509400



009BFF

Complementary

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



FB1581



15FB8F

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.



00A1CD



FB1581



009D3A

Square

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



FB1581



9A8200



00A186



008BFF

Rectangle

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



FB1581



E05700



00A186



009EF3

Sweetspot

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



FB1581



FFBADA



8C15FB



80576A



000000



808080

Same Dimension

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



FB1581



FF0078



FB1915



7D7076



BD0059



3D001D

Inverse Universe

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



FB1581



FF0078



15F7FB



7D7076



BD0059



3D001D

Previews

White Background



This preview shows how the Hex color FB1581 looks on a white background.

Color Contrast Check

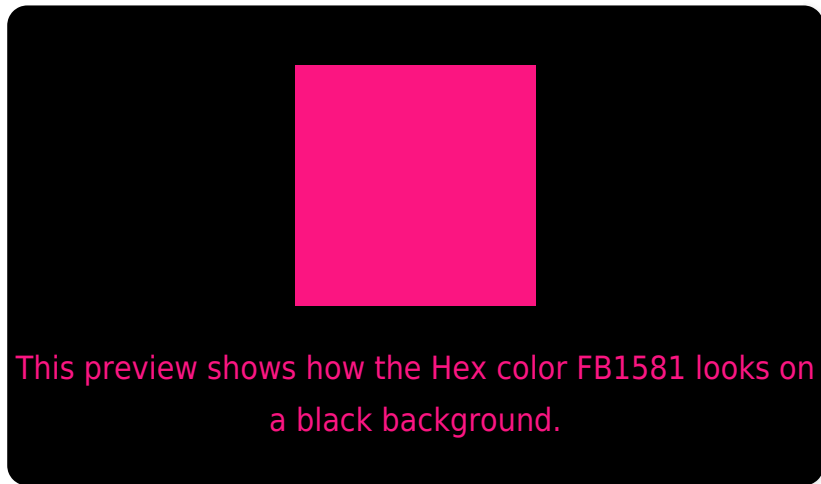
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB1581 Background



This preview shows how black text looks on a background with the Hex color FB1581.



This preview shows how white text looks on a background with the Hex color FB1581.

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
F73637

Trichromacy



Original Color
FB1581



Protanomaly
A45AA4



Deuteranomaly
BA587B



Tritanomaly
F82A52

Monochromacy



Original Color
FB1581



Achromatopsia
666666



Achromatomaly
9C4970

CSS Examples

Text

The CSS property to change the color of the text to Hex FB1581 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 #FB1581 looks like.

```
.text, #text, p{  
    color:#FB1581  
}
```

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 #FB1581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB1581
}
```

Border

The CSS property to change the border of an element to Hex FB1581 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
#FB1581 }
```

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

```
.border{ border-color:#FB1581 }
```

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

Here you see how a box with a 4 pixel #FB1581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB1581; -webkit-box-shadow:4px 4px  
4px 4px #FB1581; box-shadow:4px 4px 4px  
4px #FB1581 }
```

Background

The CSS property to change the background color of an element to Hex FB1581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB1581 }
```

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

```
.background{ background-color:#FB1581 }
```

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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