

# Converting Colors

Hex(BF1581)

Have a look what the booklet for  
Hex(BF1581) contains.

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# Color

**Hex(BF1581)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF1581
RGB	191, 21, 129
RGB Percent	75%, 8%, 51%
CMY	0.2510, 0.9176, 0.4941
CMYK	0.00, 0.89, 0.32, 0.25
HSL	322°, 80%, 42%
HSV	322°, 89%, 75%
XYZ	25.7165, 13.1977, 21.9609
YIQ	84.1420, 66.6520, 69.6280

# Conversions

## Conversions Part 2

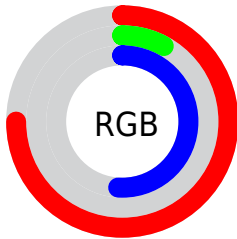
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 21, 129
Decimal	12522881
CIE <sub>Lab</sub>	43.06, 68.82, -15.46
CIE <sub>LCh</sub>	43, 70.539, 347.337
Yxy	13.1977, 0.4224, 0.2168
Android (android.graphics.Color)	4290712961 (0xFFBF1581)
YUV	84.1420, 22.1150, 93.7145
Hunter-Lab	36.3286, 62.7824, -10.4112

# Details

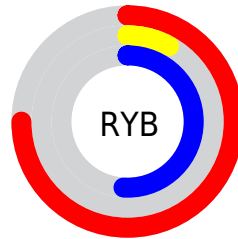
The Hex color **BF1581** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **15BF53**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FC5CB6**, and **840050** is the 20% darker color. If you saturate the color by 10%, you get **BF027A**, and if you desaturate by 10%, it is **BF2888**.

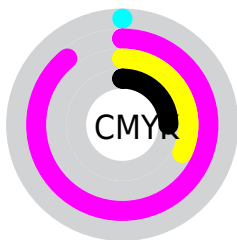
# Distribution



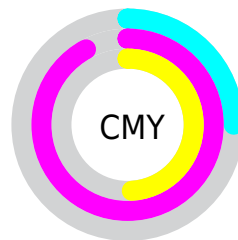
- Red (75%)
- Green (8%)
- Blue (51%)



- Red (75%)
- Yellow (8%)
- Blue (51%)



- Cyan (0%)
- Magenta (89%)
- Yellow (32%)
- Black (25%)



- Cyan (25%)
- Magenta (92%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF1581 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 BF1581 by changing the saturation by 10% instead.



 BF1581

 BF1581

FFFFFF

 A10068

 FC5CB6

 840050

 FF79D2

 670039

 FF96EE

 4C0023

 FFB3FF

 30000A

 FFD1FF

 000000

 FFEFFF

 BF1581

 BF1581

 BF027A

 BF2888

 BF0079

 BF3B8F

 BF4E96

 BF619D

 BF75A4

 BF88AB

 BF9BB2

 BFAEB9

 BFC1C0

# Harmonies

## Analogous

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



9042B6



BF1581



C90F47

# Triad

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



BF1581



5D6D00



007CBB

# Complementary

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



BF1581



15BF53

# 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.



007E87



BF1581



007800

# Square

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



BF1581



905A00



007D4A



0074D9

# Rectangle

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



BF1581



BF2E21



007D4A



007EAC



# Sweetspot

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



BF1581



F7B5DF



5015BF



7D556E



FCFCFC



7D7D7D



# Same Dimension

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



BF1581



F7009D



BF152F



5E555B



9E0064



1F0013



# Inverse Universe

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



BF1581



F7009D



15BFA5



5E555B



9E0064



1F0013



# Previews

## White Background



This preview shows how the Hex color BF1581 looks on a white background.

## Color Contrast Check

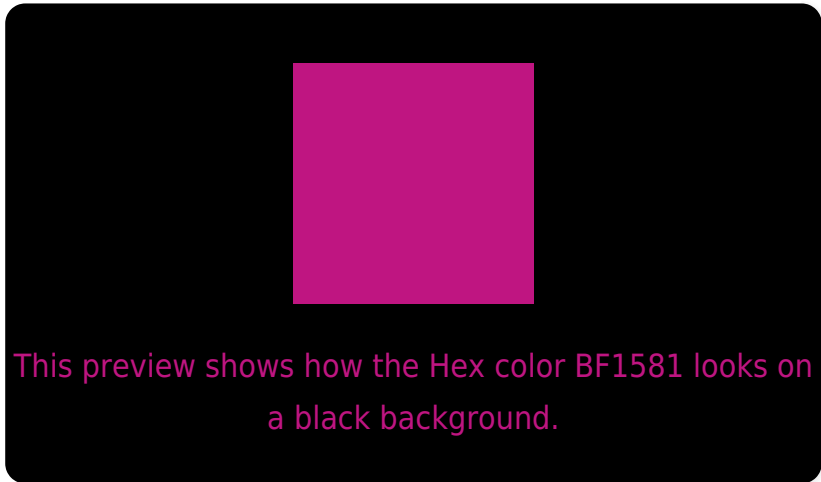
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BF1581 Background



This preview shows how black text looks on a background with the Hex color BF1581.

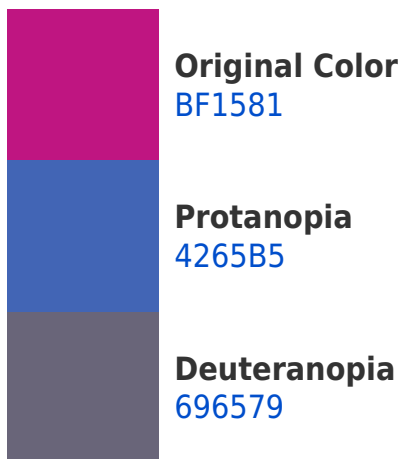


This preview shows how white text looks on a background with the Hex color BF1581.

# 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**  
BF1581



**Protanomaly**  
6F48A2



**Deuteranomaly**  
88487C

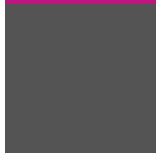


**Tritanomaly**  
BC2A53

# Monochromacy



**Original Color**  
BF1581



**Achromatopsia**  
545454



**Achromatomaly**  
7B3D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF1581 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 #BF1581 looks like.

```
.text, #text, p{  
    color:#BF1581  
}
```

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 #BF1581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF1581
}
```

## Border

The CSS property to change the border of an element to Hex BF1581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

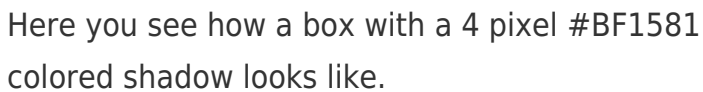
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF1581 }
```

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

```
.border{ border-color:#BF1581 }
```

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



Here you see how a box with a 4 pixel `#BF1581` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF1581; -webkit-box-shadow:4px 4px  
4px 4px #BF1581; box-shadow:4px 4px 4px  
4px #BF1581 }
```

# Background

The CSS property to change the background color of an element to Hex BF1581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF1581 }
```

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

```
.background{ background-color:#BF1581 }
```

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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