

# Converting Colors

Hex(BE1B58)

Have a look what the booklet for  
Hex(BE1B58) contains.

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# Color

**Hex(BE1B58)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE1B58
RGB	190, 27, 88
RGB Percent	75%, 11%, 35%
CMY	0.2549, 0.8941, 0.6549
CMYK	0.00, 0.86, 0.54, 0.25
HSL	338°, 75%, 43%
HSV	338°, 86%, 75%
XYZ	23.3886, 12.4356, 10.4001
YIQ	82.6910, 77.5670, 53.5270

# Conversions

## Conversions Part 2

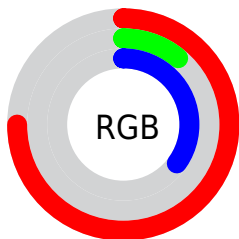
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 27, 88
Decimal	12458840
CIE <sub>Lab</sub>	41.90, 63.75, 8.40
CIE <sub>LCh</sub>	42, 64.304, 7.510
Yxy	12.4356, 0.5060, 0.2690
Android (android.graphics.Color)	4290648920 (0xFFBE1B58)
YUV	82.6910, 2.6173, 94.1100
Hunter-Lab	35.2641, 56.6761, 7.1991

# Details

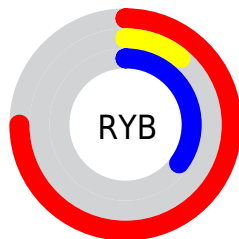
The Hex color **BE1B58** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **1BBE81**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FC5D8A**, and **82002B** is the 20% darker color. If you saturate the color by 10%, you get **BE084C**, and if you desaturate by 10%, it is **BE2E64**.

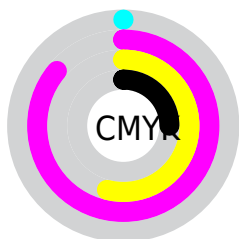
# Distribution



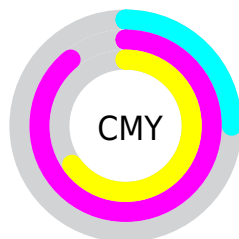
- Red (75%)
- Green (11%)
- Blue (35%)



- Red (75%)
- Yellow (11%)
- Blue (35%)



- Cyan (0%)
- Magenta (86%)
- Yellow (54%)
- Black (25%)



- Cyan (25%)
- Magenta (89%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE1B58 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 BE1B58 by changing the saturation by 10% instead.



 BE1B58

 BE1B58

FFFFFF

 A00041

 FC5D8A

 82002B

 FF7AA4

 640017

 FF96BF

 480002

 FFB3DB

 2A0001

 FFD0F7

 000000

 FFEEFF

 BE1B58

 BE1B58

 BE084C

 BE2E64

 BE0047

 BE4170

 BE547C

 BE6788

 BE7A93

 BE8D9F

 BEA0AB

 BEB3B7

 BEC6C3

# Harmonies

## Analogous

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



AB2E8C



BE1B58



B53425

# Triad

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



BE1B58



317100



0073C5

# Complementary

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



BE1B58



1BBE81

# 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.



0079A3



BE1B58



007737

# Square

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



BE1B58



6D6500



007A6F



0066CD

# Rectangle

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



BE1B58



A34800



007A6F



0076BC



# Sweetspot

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



BE1B58



F7B7CF



801BBE



7D5665



FCFCFC



7D7D7D



# Same Dimension

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



BE1B58



F7005D



BE2E1B



5E5558



9E003B



1F000B



# Inverse Universe

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



BE1B58



F7005D



1BABBE



5E5558



9E003B



1F000B



# Previews

## White Background



This preview shows how the Hex color BE1B58 looks on a white background.

## Color Contrast Check

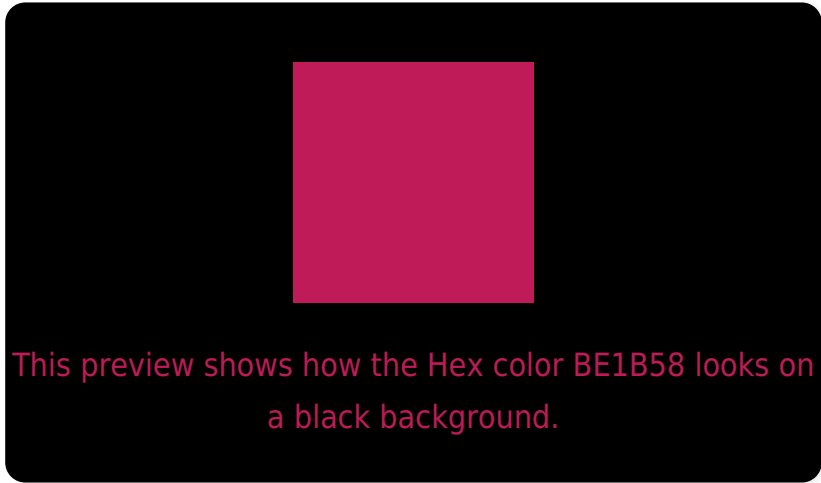
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE1B58 Background



This preview shows how black text looks on a background with the Hex color BE1B58.

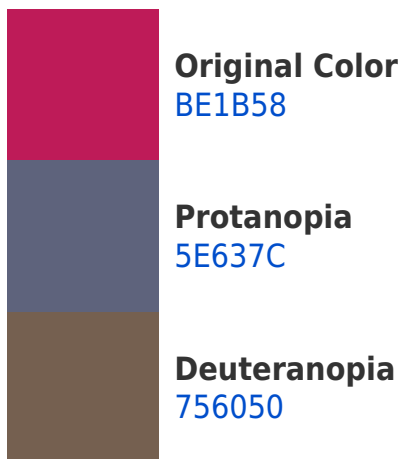


This preview shows how white text looks on a background with the Hex color BE1B58.

# Color Blindness Simulation

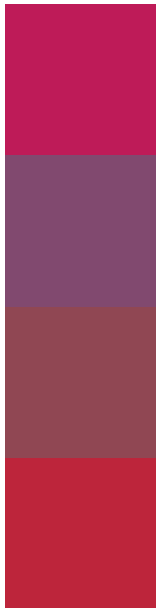
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BE1B58

**Protanomaly**  
81496F

**Deuteranomaly**  
904753

**Tritanomaly**  
BD253B

# Monochromacy



**Original Color**  
BE1B58

**Achromatopsia**  
535353

**Achromatomaly**  
7A3F55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE1B58 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 #BE1B58 looks like.

```
.text, #text, p{  
    color:#BE1B58  
}
```

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 #BE1B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE1B58  
}
```

## Border

The CSS property to change the border of an element to Hex BE1B58 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  
#BE1B58 }
```

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

```
.border{ border-color:#BE1B58 }
```

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

Here you see how a box with a 4 pixel #BE1B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE1B58; -webkit-box-shadow:4px 4px  
4px 4px #BE1B58; box-shadow:4px 4px 4px  
4px #BE1B58 }
```

# Background

The CSS property to change the background color of an element to Hex BE1B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE1B58 }
```

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

```
.background{ background-color:#BE1B58 }
```

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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