

# Converting Colors

Hex(B35795)

Have a look what the booklet for  
Hex(B35795) contains.

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# Color

**Hex(B35795)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B35795
RGB	179, 87, 149
RGB Percent	70%, 34%, 58%
CMY	0.2980, 0.6588, 0.4157
CMYK	0.00, 0.51, 0.17, 0.30
HSL	320°, 38%, 52%
HSV	320°, 51%, 70%
XYZ	27.4234, 18.5700, 30.5728
YIQ	121.5760, 34.9300, 38.7860

# Conversions

## Conversions Part 2

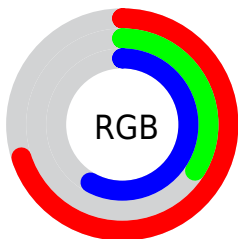
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	179, 87, 149
Decimal	11753365
CIE <sub>Lab</sub>	50.18, 45.13, -16.86
CIE <sub>LCh</sub>	50, 48.180, 339.515
Yxy	18.5700, 0.3582, 0.2425
Android (android.graphics.Color)	4289943445 (0xFFB35795)
YUV	121.5760, 13.5200, 50.3608
Hunter-Lab	43.0929, 38.1809, -11.8989

# Details

The Hex color **B35795** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **57B375**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ED8CCB**, and **7C2262** is the 20% darker color. If you saturate the color by 10%, you get **B3458F**, and if you desaturate by 10%, it is **B3699B**.

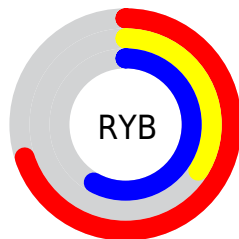
# Distribution



Red (70%)

Green (34%)

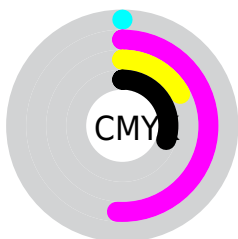
Blue (58%)



Red (70%)

Yellow (34%)

Blue (58%)

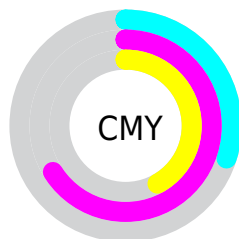


Cyan (0%)

Magenta (51%)

Yellow (17%)

Black (30%)



Cyan (30%)

Magenta (66%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B35795 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 B35795 by changing the saturation by 10% instead.



 B35795

 B35795

FFFFFF

 973D7B

 ED8CCB

 7C2262

 FFA7E7

 61004A

 FFC3FF

 470033

 FFE0FF

 31001F

 FFFDFD

 070000

 000000

 B35795

 B35795

 B3458F

 B3699B

 B33389

 B37BA1

 B32183

 B38DA7

 B30F7E

 B39FAC

 B30079

 B3B1B2

 B3C2B8

 B3D4BE

 B3E6C4

 B3F8CA

# Harmonies

## Analogous

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



8B67B7



B35795



C2526C

# Triad

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



B35795



817A1F



008AAB

# Complementary

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



B35795



57B375

# 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.



008B84



B35795



558434

# Square

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



B35795



A46B28



008959



0083C4

# Rectangle

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



B35795



C05751



008959



008B9F



# Sweetspot

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



B35795



E8C5DD



7457B3



75606E



F5F5F5



757575



# Same Dimension

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



B35795



E858B9



B35768



595056



990067



1A0011



# Inverse Universe

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



B35795



E858B9



57B3A2



595056



990067

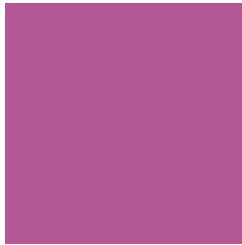


1A0011



# Previews

## White Background



This preview shows how the Hex color B35795 looks on a white background.

## Color Contrast Check

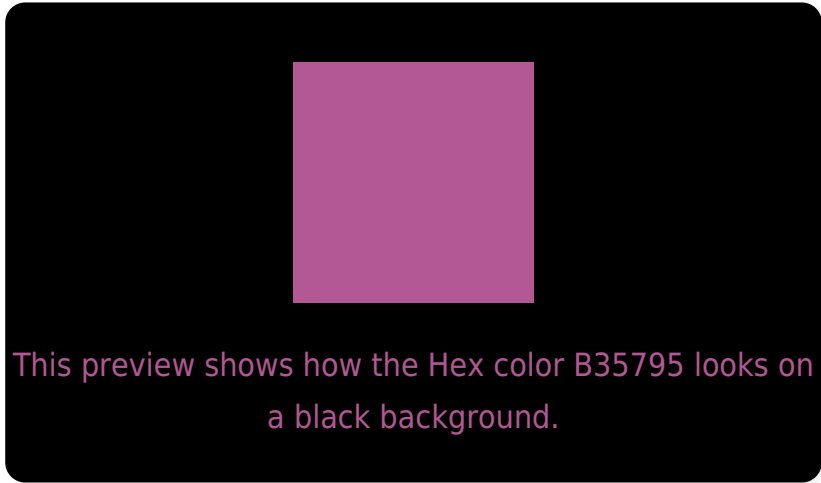
Large Text (above 18pt) WCAG AA ✓ Pass

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 B35795 Background



This preview shows how black text looks on a background with the Hex color B35795.

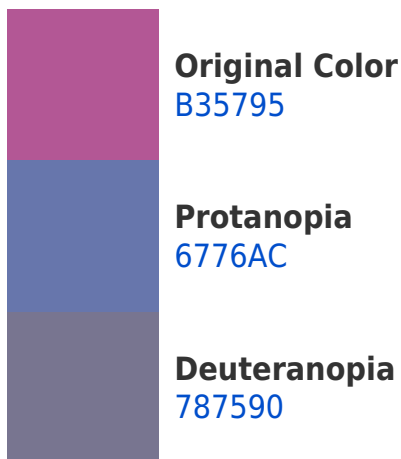



This preview shows how white text looks on a background with the Hex color B35795.

# 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](#).

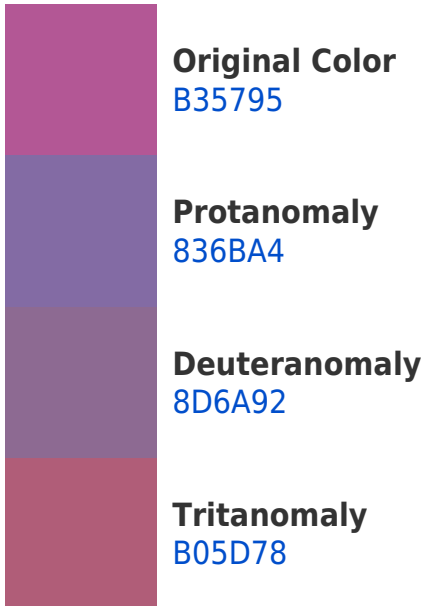
## Dichromacy



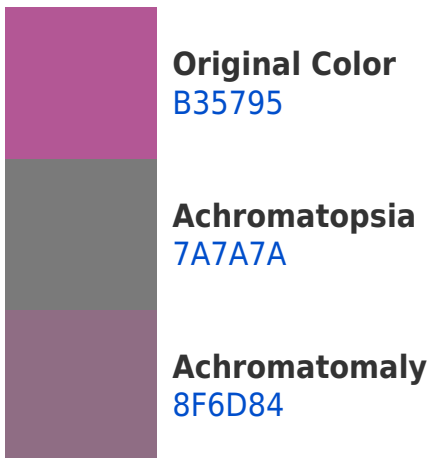


**Tritanopia**  
AE6168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B35795 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 #B35795 looks like.

```
.text, #text, p{  
    color:#B35795  
}
```

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 #B35795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35795
}
```

## Border

The CSS property to change the border of an element to Hex B35795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

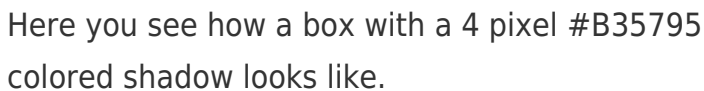
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B35795 }
```

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

```
.border{ border-color:#B35795 }
```

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



Here you see how a box with a 4 pixel #B35795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35795; -webkit-box-shadow:4px 4px  
4px 4px #B35795; box-shadow:4px 4px 4px  
4px #B35795 }
```

# Background

The CSS property to change the background color of an element to Hex B35795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35795 }
```

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

```
.background{ background-color:#B35795 }
```

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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