

# Converting Colors

Hex(B55795)

Have a look what the booklet for  
Hex(B55795) contains.

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**Color**

**Hex(B55795)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B55795
RGB	181, 87, 149
RGB Percent	71%, 34%, 58%
CMY	0.2902, 0.6588, 0.4157
CMYK	0.00, 0.52, 0.18, 0.29
HSL	320°, 39%, 53%
HSV	320°, 52%, 71%
XYZ	27.8891, 18.8101, 30.5946
YIQ	122.1740, 36.1220, 39.2100

# Conversions

## Conversions Part 2

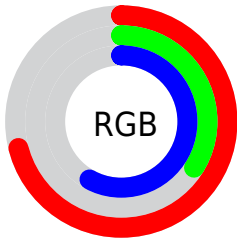
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 87, 149
Decimal	11884437
CIE <sub>Lab</sub>	50.46, 45.77, -16.40
CIE <sub>LCh</sub>	50, 48.619, 340.284
Yxy	18.8101, 0.3608, 0.2434
Android (android.graphics.Color)	4290074517 (0xFFB55795)
YUV	122.1740, 13.2252, 51.5904
Hunter-Lab	43.3706, 38.8843, -11.4651

# Details

The Hex color **B55795** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **57B577**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **EF8CCB**, and **7E2262** is the 20% darker color. If you saturate the color by 10%, you get **B5458F**, and if you desaturate by 10%, it is **B5699B**.

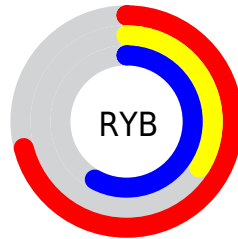
# Distribution



Red (71%)

Green (34%)

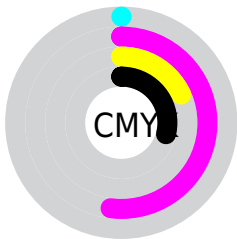
Blue (58%)



Red (71%)

Yellow (34%)

Blue (58%)

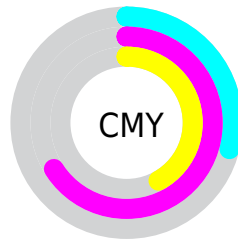


Cyan (0%)

Magenta (52%)

Yellow (18%)

Black (29%)



Cyan (29%)

Magenta (66%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B55795 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 B55795 by changing the saturation by 10% instead.



 B55795

 B55795

FFFFFF

 993D7B

 EF8CCB

 7E2262

 FFA7E7

 63004A

 FFC3FF

 490033

 FFE0FF

 32001F

 FFFDFD

 0C0000

 000000

 B55795

 B55795

 B5458F

 B5699B

 B53389

 B57BA1

 B52183

 B58DA7

 B50F7C

 B59FAE

 B50077

 B5B2B4

 B5C4BA

 B5D6C0

 B5E8C6

 B5FACC

# Harmonies

## Analogous

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



8D67B8



B55795



C4526B

# Triad

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



B55795



817B1F



008AAD

# Complementary

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



B55795



57B577

# 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.



008C86



B55795



548535

# Square

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



B55795



A46C27



008A5B



0084C6

# Rectangle

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



B55795



C15751



008A5B



008CA1



# Sweetspot

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



B55795



EBC5DE



7657B5



755F6E



F5F5F5



757575



# Same Dimension

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



B55795



EB59B9



B55767



595056



990065



1A0011



# Inverse Universe

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



B55795



EB59B9



57B5A5



595056



990065



1A0011



# Previews

## White Background



This preview shows how the Hex color B55795 looks on a white background.

## Color Contrast Check

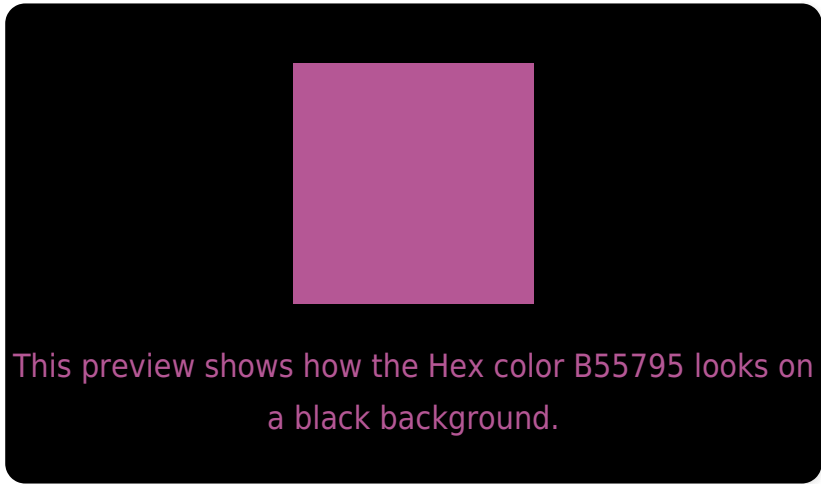
Large Text (above 18pt) WCAG AA ✓ Pass

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

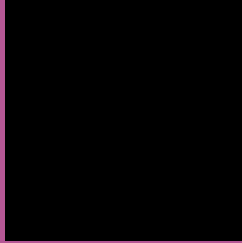
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B55795 Background



This preview shows how black text looks on a background with the Hex color B55795.



This preview shows how white text looks on a background with the Hex color B55795.

# 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](#).

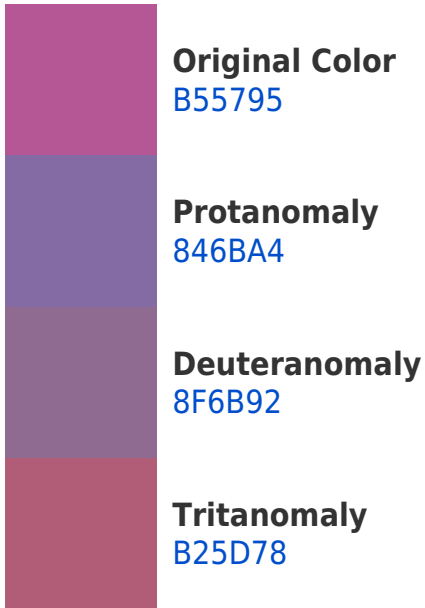
## Dichromacy





**Tritanopia**  
B06168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B55795 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 #B55795 looks like.

```
.text, #text, p{  
    color:#B55795  
}
```

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 #B55795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55795
}
```

## Border

The CSS property to change the border of an element to Hex B55795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

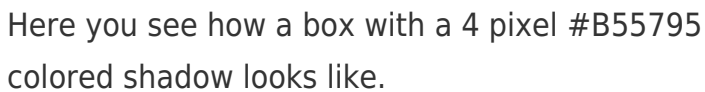
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B55795 }
```

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

```
.border{ border-color:#B55795 }
```

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



Here you see how a box with a 4 pixel #B55795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55795; -webkit-box-shadow:4px 4px  
4px 4px #B55795; box-shadow:4px 4px 4px  
4px #B55795 }
```

# Background

The CSS property to change the background color of an element to Hex B55795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55795 }
```

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

```
.background{ background-color:#B55795 }
```

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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