

# Converting Colors

Hex(B595EE)

Have a look what the booklet for  
Hex(B595EE) contains.

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# **Color**

**Hex(B595EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B595EE
RGB	181, 149, 238
RGB Percent	71%, 58%, 93%
CMY	0.2902, 0.4157, 0.0667
CMYK	0.24, 0.37, 0.00, 0.07
HSL	262°, 72%, 76%
HSV	262°, 37%, 93%
XYZ	45.2361, 37.4917, 85.7413
YIQ	168.7140, -9.4970, 34.4630

# Conversions

## Conversions Part 2

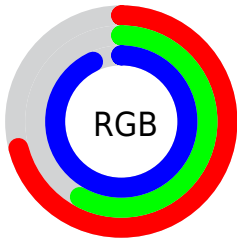
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 149, 238
Decimal	11900398
CIE <sub>Lab</sub>	67.64, 29.84, -40.47
CIE <sub>LCh</sub>	68, 50.287, 306.402
Yxy	37.4917, 0.2685, 0.2225
Android (android.graphics.Color)	4290090478 (0xFFB595EE)
YUV	168.7140, 34.1580, 10.7748
Hunter-Lab	61.2305, 24.7197, -40.1628

# Details

The Hex color **B595EE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CEEE95**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **EECBFF**, and **7E62B6** is the 20% darker color. If you saturate the color by 10%, you get **A67DEE**, and if you desaturate by 10%, it is **C4ADEE**.

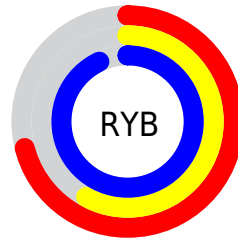
# Distribution



Red (71%)

Green (58%)

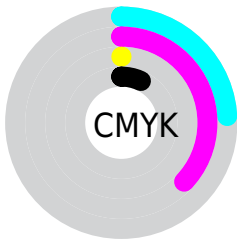
Blue (93%)



Red (71%)

Yellow (58%)

Blue (93%)

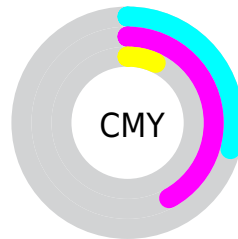


Cyan (24%)

Magenta (37%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (42%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B595EE 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 B595EE by changing the saturation by 10% instead.



 B595EE

 B595EE

FFFFFF

 997BD1

 EECBFF

 7E62B6

 FFE8FF

 644A9B

 4A3280

 301C67

 14074E

 000037

 000220

 000005

 B595EE

 B595EE

 A67DEE

 C4ADEE

 9765EE

 D3C5EE

 874EEE

 E3DCEE

 7836EE

 F2F4EE

 691EEE

 FFFFEE

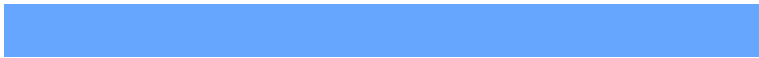
 5A06EE

 5600EE

# Harmonies

## Analogous

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



67A6FF



B595EE



E485CA

# Triad

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



B595EE



DC9551



00BCAD

# Complementary

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



B595EE



CEEE95

# 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.



45B97F



B595EE



B6A547

# Square

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



B595EE



F58671



86B259



00BAD9

# Rectangle

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



B595EE



F57FAC



86B259



00BB9E



# Sweetspot

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



B595EE



EDE3FF



95CFEE



756F80



000000



808080



# Same Dimension

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



B595EE



B68CFF



E195EE



706C78



4200B8



140038



# Inverse Universe

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



EE95CE



FF8CD6



A2EE95



786C74



B80076

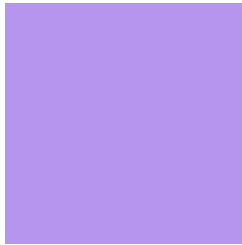


380024



# Previews

## White Background



This preview shows how the Hex color B595EE looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex B595EE Background



This preview shows how black text looks on a background with the Hex color B595EE.

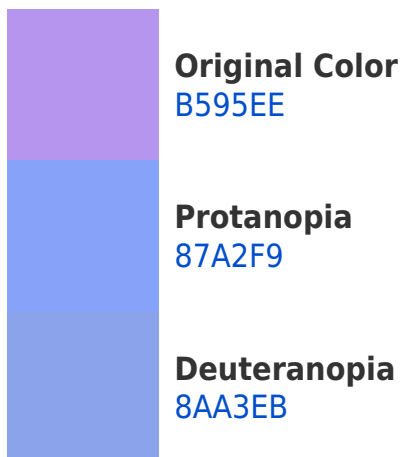


This preview shows how white text looks on a background with the Hex color B595EE.

# 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](#).

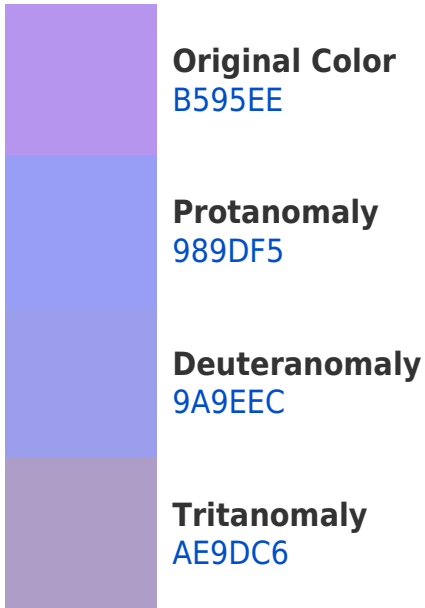
## Dichromacy



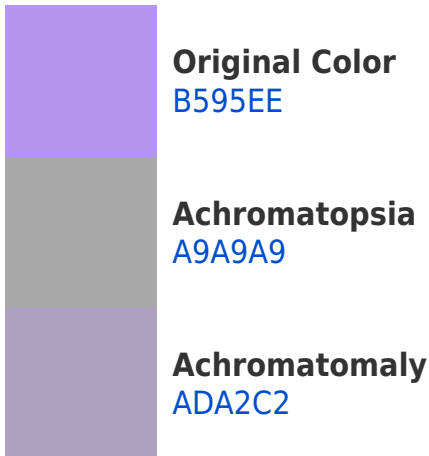


**Tritanopia**  
AAA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B595EE 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 #B595EE looks like.

```
.text, #text, p{  
    color:#B595EE  
}
```

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 #B595EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B595EE  
}
```

## Border

The CSS property to change the border of an element to Hex B595EE 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  
#B595EE }
```

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

```
.border{ border-color:#B595EE }
```

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

Here you see how a box with a 4 pixel #B595EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B595EE; -webkit-box-shadow:4px 4px  
4px 4px #B595EE; box-shadow:4px 4px 4px  
4px #B595EE }
```

# Background

The CSS property to change the background color of an element to Hex B595EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B595EE }
```

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

```
.background{ background-color:#B595EE }
```

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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