

# Converting Colors

Hex(965FBE)

Have a look what the booklet for  
Hex(965FBE) contains.

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# Color

**Hex(965FBE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	965FBE
RGB	150, 95, 190
RGB Percent	59%, 37%, 75%
CMY	0.4118, 0.6275, 0.2549
CMYK	0.21, 0.50, 0.00, 0.25
HSL	275°, 42%, 56%
HSV	275°, 50%, 75%
XYZ	25.9641, 18.3862, 50.8956
YIQ	122.2750, 2.2850, 41.2050

# Conversions

## Conversions Part 2

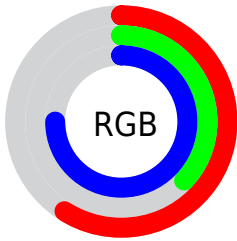
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 95, 190
Decimal	9854910
CIE <sub>Lab</sub>	49.96, 40.11, -41.49
CIE <sub>LCh</sub>	50, 57.708, 314.031
Yxy	18.3862, 0.2726, 0.1930
Android (android.graphics.Color)	4288044990 (0xFF965FBE)
YUV	122.2750, 33.3884, 24.3148
Hunter-Lab	42.8791, 33.0470, -40.3593

# Details

The Hex color **965FBE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **87BE5F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **CE93F7**, and **602E88** is the 20% darker color. If you saturate the color by 10%, you get **8E4CBE**, and if you desaturate by 10%, it is **9E72BE**.

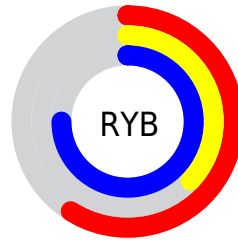
# Distribution



Red (59%)

Green (37%)

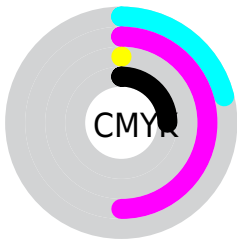
Blue (75%)



Red (59%)

Yellow (37%)

Blue (75%)

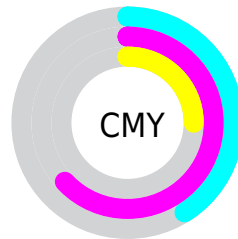


Cyan (21%)

Magenta (50%)

Yellow (0%)

Black (25%)



Cyan (41%)

Magenta (63%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 965FBE 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 965FBE by changing the saturation by 10% instead.



■ 965FBE

■ 965FBE

FFFFFF

■ 7B46A3

■ CE93F7

■ 602E88

■ EBAEFF

■ 46156E

■ FFCAFF

■ 2D0055

■ FFE6FF

■ 19003E

■ 000327

■ 000110

■ 000000

■ 965FBE

■ 965FBE

 8E4CBE

 9E72BE

 8639BE

 A685BE

 7E26BE

 AE98BE

 7613BE

 B6ABBE

 6E00BE

 BEBEBE

 C6D1BE

 CEE4BE

 D6F7BE

 DEFFBE

# Harmonies

## Analogous

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



3875D7



965FBE



C24A93

# Triad

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



965FBE



A46B08



008E8D

# Complementary

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



965FBE



87BE5F

# 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.



008C5A



965FBE



797C00

# Square

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



965FBE



C25634



40862A



008BBA

# Rectangle

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



965FBE



CD4472



40862A



008D7C



# Sweetspot

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



965FBE



E8D2F7



5F88BE



73667D



FCFCFC



7D7D7D



# Same Dimension

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



965FBE



B963F7



BE5FB8



5A555E



5C009E



12001F



# Inverse Universe

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



BE5F87



F763A1



5FBE65



5E5559



9E0043

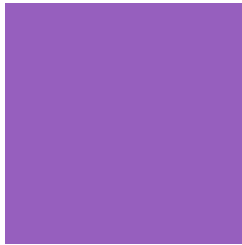


1F000D



# Previews

## White Background



This preview shows how the Hex color 965FBE 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

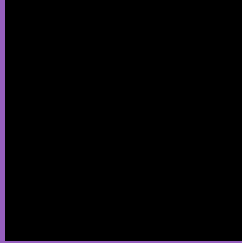
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 965FBE Background



This preview shows how black text looks on a background with the Hex color 965FBE.

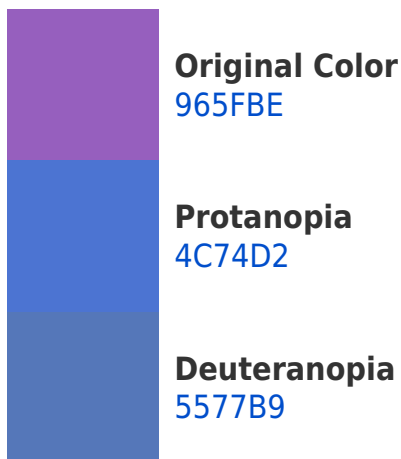


This preview shows how white text looks on a background with the Hex color 965FBE.

# 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](#).

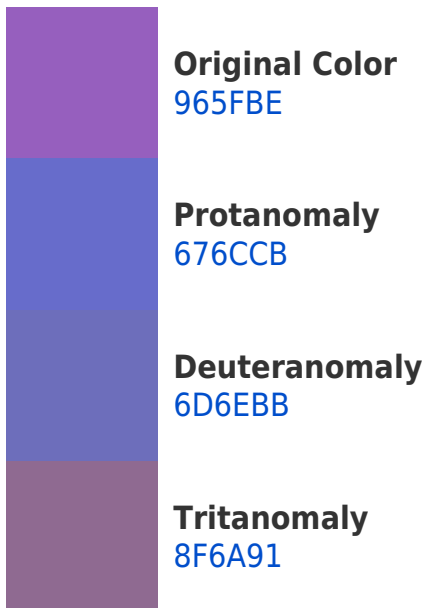
## Dichromacy



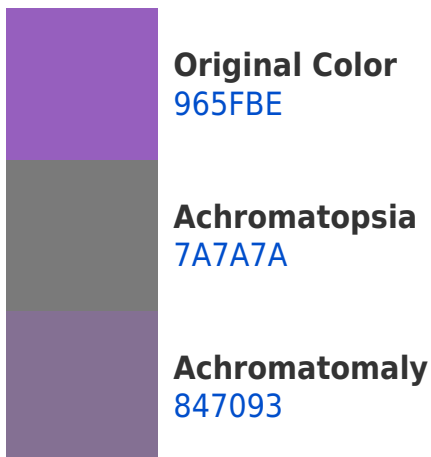


**Tritanopia**  
8B7078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 965FBE 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 #965FBE looks like.

```
.text, #text, p{  
    color:#965FBE  
}
```

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 #965FBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #965FBE
}
```

## Border

The CSS property to change the border of an element to Hex 965FBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

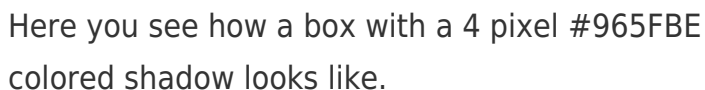
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#965FBE }
```

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

```
.border{ border-color:#965FBE }
```

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



Here you see how a box with a 4 pixel #965FBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #965FBE; -webkit-box-shadow:4px 4px  
4px 4px #965FBE; box-shadow:4px 4px 4px  
4px #965FBE }
```

# Background

The CSS property to change the background color of an element to Hex 965FBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#965FBE }
```

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

```
.background{ background-color:#965FBE }
```

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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