

# Converting Colors

Hex(985CF2)

Have a look what the booklet for  
Hex(985CF2) contains.

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**Color**

**Hex(985CF2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	985CF2
RGB	152, 92, 242
RGB Percent	60%, 36%, 95%
CMY	0.4039, 0.6392, 0.0510
CMYK	0.37, 0.62, 0.00, 0.05
HSL	264°, 85%, 65%
HSV	264°, 62%, 95%
XYZ	32.8031, 20.7405, 86.2788
YIQ	127.0400, -12.3900, 59.3700

# Conversions

## Conversions Part 2

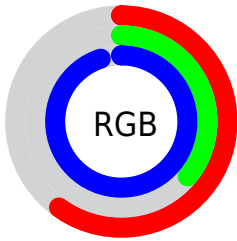
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	152, 92, 242
Decimal	9985266
CIE Lab	52.66, 54.75, -66.69
CIE LCh	53, 86.285, 309.388
Yxy	20.7405, 0.2346, 0.1483
Android (android.graphics.Color)	4288175346 (0xFF985CF2)
YUV	127.0400, 56.6753, 21.8899
Hunter-Lab	45.5417, 48.8729, -80.4457

# Details

The Hex color **985CF2** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **B6F25C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D391FF**, and **5E28B9** is the 20% darker color. If you saturate the color by 10%, you get **8944F2**, and if you desaturate by 10%, it is **A774F2**.

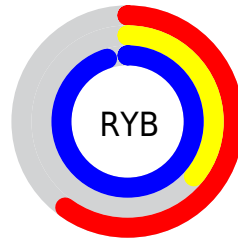
# Distribution



Red (60%)

Green (36%)

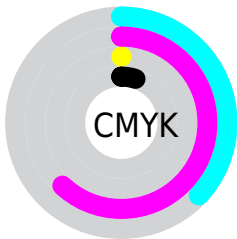
Blue (95%)



Red (60%)

Yellow (36%)

Blue (95%)

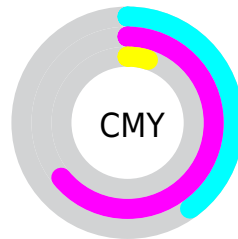


Cyan (37%)

Magenta (62%)

Yellow (0%)

Black (5%)



Cyan (40%)

Magenta (64%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 985CF2 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 985CF2 by changing the saturation by 10% instead.



 985CF2

 985CF2

FFFFFF

 7B42D5

 D391FF

 5E28B9

 F1ACFF

 3F0A9D

 FFC8FF

 1A0082

 FFE5FF

 000068

 00004F

 000537

 000221

 000006

985CF2

985CF2

8944F2

A774F2

7B2CF2

B58CF2

6C13F2

C4A5F2

6100F2

D2BDF2

E1D5F2

EFEDF2

FEFFF2

FFFFF2

# Harmonies

## Analogous

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



0080FF



985CF2



E41FB4

# Triad

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



985CF2



C16600



009C94

# Complementary

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



985CF2



B6F25C

# 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.



009945



985CF2



848200

# Square

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



985CF2



EC3821



249200



009BDB

# Rectangle

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



985CF2



F80083



249200



009C7A



# Sweetspot

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



985CF2



E2CFFF



5CB6F2



6E6280



000000



808080



# Same Dimension

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



985CF2



8E42FF



E35CF2



716C78



4900B8



160038



# Inverse Universe

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



F25CB6



FF42B4



6BF25C



786C73



B8006E

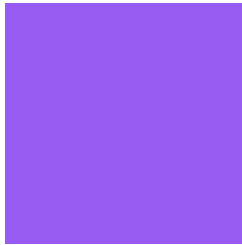


380022



# Previews

## White Background



This preview shows how the Hex color 985CF2 looks on a white background.

## Color Contrast Check

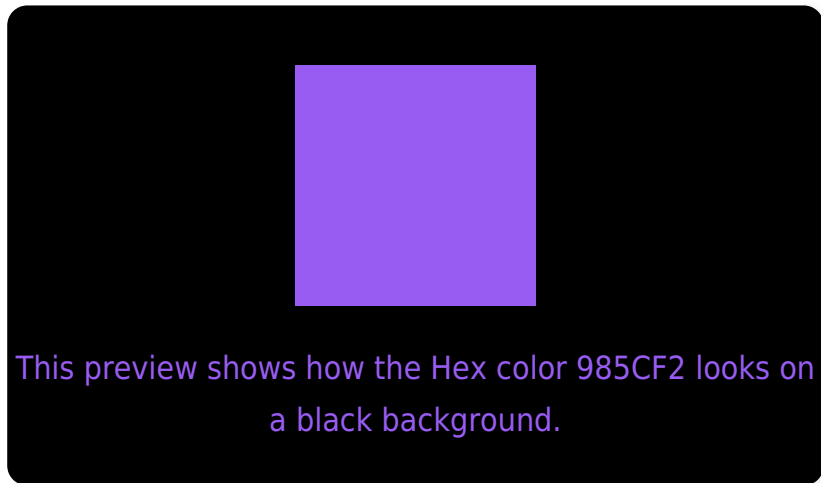
Large Text (above 18pt) WCAG AA ✓ Pass

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

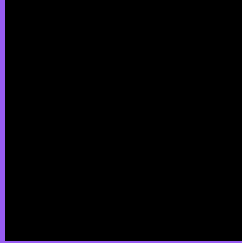
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 985CF2 Background



This preview shows how black text looks on a background with the Hex color 985CF2.



This preview shows how white text looks on a background with the Hex color 985CF2.

# 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](#).

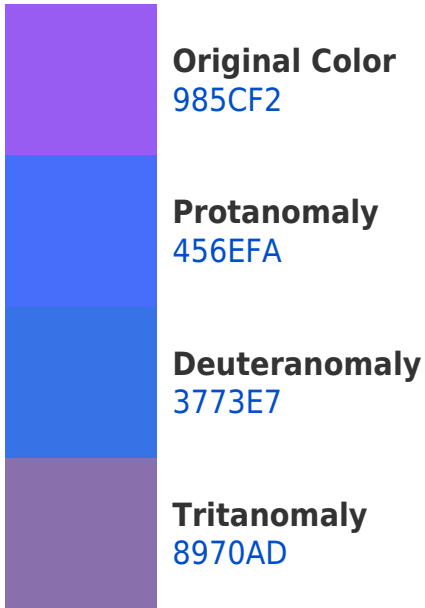
## Dichromacy



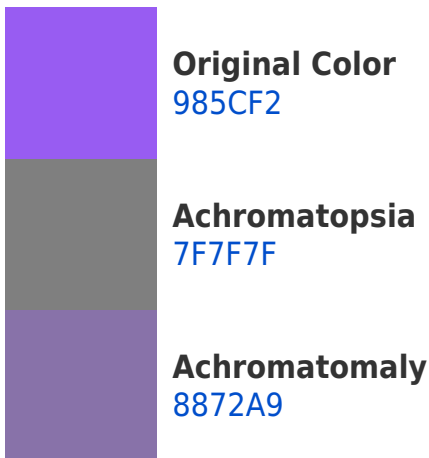


**Tritanopia**  
817B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 985CF2 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 #985CF2 looks like.

```
.text, #text, p{  
    color:#985CF2  
}
```

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 #985CF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #985CF2
}
```

## Border

The CSS property to change the border of an element to Hex 985CF2 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
#985CF2 }
```

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

```
.border{ border-color:#985CF2 }
```

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

Here you see how a box with a 4 pixel #985CF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #985CF2; -webkit-box-shadow:4px 4px  
4px 4px #985CF2; box-shadow:4px 4px 4px  
4px #985CF2 }
```

# Background

The CSS property to change the background color of an element to Hex 985CF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#985CF2 }
```

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

```
.background{ background-color:#985CF2 }
```

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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