

# Converting Colors

Hex(8975D7)

Have a look what the booklet for  
Hex(8975D7) contains.

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# Color

**Hex(8975D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8975D7
RGB	137, 117, 215
RGB Percent	54%, 46%, 84%
CMY	0.4627, 0.5412, 0.1569
CMYK	0.36, 0.46, 0.00, 0.16
HSL	252°, 55%, 65%
HSV	252°, 46%, 84%
XYZ	28.9436, 22.9472, 67.1937
YIQ	134.1520, -19.5380, 34.7180

# Conversions

## Conversions Part 2

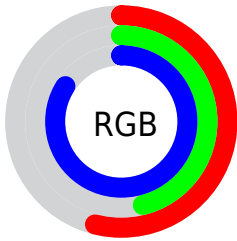
Format	Color
<a href="#">RYB</a>	<a href="#">137, 117, 215</a>
Decimal	<a href="#">9008599</a>
CIELab	<a href="#">55.02, 30.28, -47.83</a>
CIELCh	<a href="#">55, 56.608, 302.333</a>
Yxy	<a href="#">22.9472, 0.2431, 0.1927</a>
Android (android.graphics.Color)	<a href="#">4287198679 (0xFF8975D7)</a>
YUV	<a href="#">134.1520, 39.8581, 2.4977</a>
Hunter-Lab	<a href="#">47.9033, 24.0204, -49.6336</a>

# Details

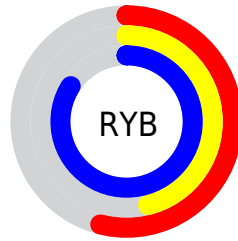
The Hex color **8975D7** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **C3D775**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C1A9FF**, and **5244A0** is the 20% darker color. If you saturate the color by 10%, you get **785FD7**, and if you desaturate by 10%, it is **9A8BD7**.

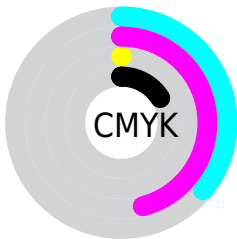
# Distribution



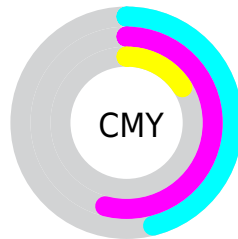
- Red (54%)
- Green (46%)
- Blue (84%)



- Red (54%)
- Yellow (46%)
- Blue (84%)



- Cyan (36%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (46%)
- Magenta (54%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8975D7 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 8975D7 by changing the saturation by 10% instead.



8975D7

8975D7

FFFFFF

6E5CBB

C1A9FF

5244A0

DEC5FF

372E85

FBE1FF

17186B

FFFEFF

000352

00003B

000224

00000C

000000

8975D7

8975D7

785FD7

9A8BD7

674AD7

ABA0D7

5634D7

BCB6D7

451FD7

CDCBD7

3309D7

DFE1D7

2C00D7

F0F6D7

FFFFD7

# Harmonies

## Analogous

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



0088E6



8975D7



C260B2

# Triad

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



8975D7



C0702A



009B86

# Complementary

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



8975D7



C3D775

# 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.



019854



8975D7



998312

# Square

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



8975D7



D85C52



679029



009AB7

# Rectangle

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



8975D7



D65692



679029



009A75



# Sweetspot

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



8975D7



E3DBFF



75C3D7



6E6A80



000000



808080



# Same Dimension

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



8975D7



8F73FF



BA75D7



63606B



2300AB



09002B



# Inverse Universe

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



D775C3



FF73E2



92D775



6B6069



AB0088



2B0023



# Previews

## White Background



This preview shows how the Hex color 8975D7 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

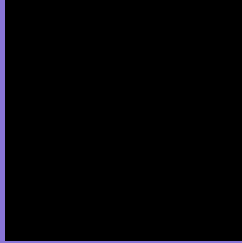
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8975D7 Background



This preview shows how black text looks on a background with the Hex color 8975D7.

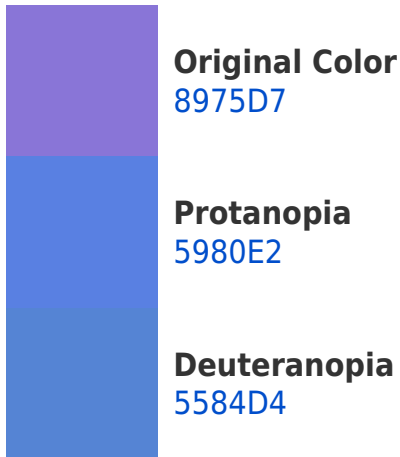


This preview shows how white text looks on a background with the Hex color 8975D7.

# 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](#).

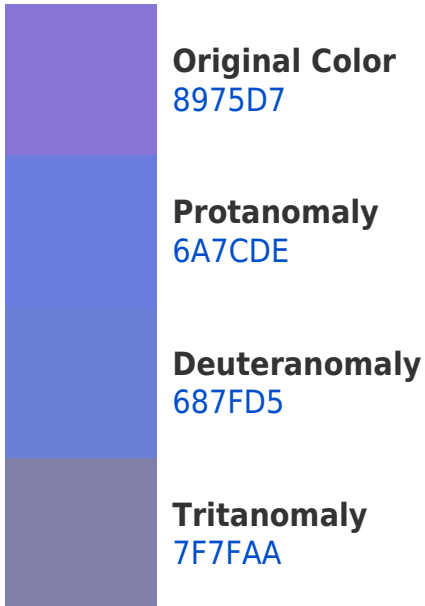
## Dichromacy





**Tritanopia**  
798590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8975D7 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 #8975D7 looks like.

```
.text, #text, p{  
    color:#8975D7  
}
```

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 #8975D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8975D7
}
```

## Border

The CSS property to change the border of an element to Hex 8975D7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

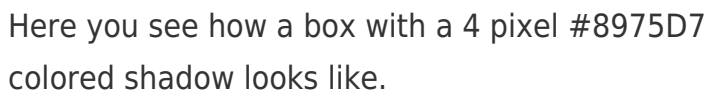
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8975D7 }
```

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

```
.border{ border-color:#8975D7 }
```

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



Here you see how a box with a 4 pixel #8975D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8975D7; -webkit-box-shadow:4px 4px  
4px 4px #8975D7; box-shadow:4px 4px 4px  
4px #8975D7 }
```

# Background

The CSS property to change the background color of an element to Hex 8975D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8975D7 }
```

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

```
.background{ background-color:#8975D7 }
```

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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