

# Converting Colors

Hex(8D75D4)

Have a look what the booklet for  
Hex(8D75D4) contains.

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# Color

**Hex(8D75D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D75D4
RGB	141, 117, 212
RGB Percent	55%, 46%, 83%
CMY	0.4471, 0.5412, 0.1686
CMYK	0.33, 0.45, 0.00, 0.17
HSL	255°, 52%, 65%
HSV	255°, 45%, 83%
XYZ	29.2295, 23.1388, 65.2130
YIQ	135.0060, -16.1910, 34.6330

# Conversions

## Conversions Part 2

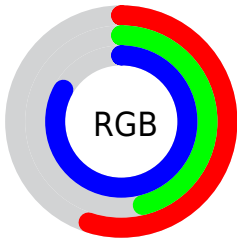
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 117, 212
Decimal	9270740
CIELab	55.21, 30.53, -45.80
CIELCh	55, 55.045, 303.687
Yxy	23.1388, 0.2486, 0.1968
Android (android.graphics.Color)	4287460820 (0xFF8D75D4)
YUV	135.0060, 37.9580, 5.2567
Hunter-Lab	48.1028, 24.2850, -46.7076

# Details

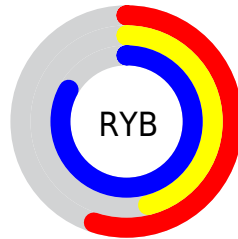
The Hex color **8D75D4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BCD475**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **C5A9FF**, and **57449D** is the 20% darker color. If you saturate the color by 10%, you get **7D60D4**, and if you desaturate by 10%, it is **9D8AD4**.

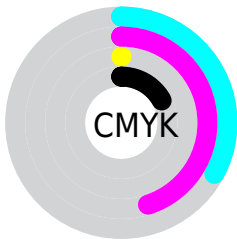
# Distribution



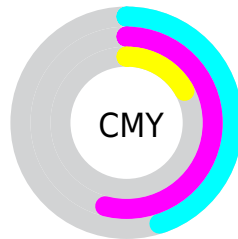
- Red (55%)
- Green (46%)
- Blue (83%)



- Red (55%)
- Yellow (46%)
- Blue (83%)



- Cyan (33%)
- Magenta (45%)
- Yellow (0%)
- Black (17%)



- Cyan (45%)
- Magenta (54%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D75D4 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 8D75D4 by changing the saturation by 10% instead.



 8D75D4

 8D75D4

FFFFFF

 725CB8

 C5A9FF

 57449D

 E2C5FF

 3C2D82

 FFE1FF

 1F1869

FFFEFF

 000250

 000038

 000222

 000007

 000000

 8D75D4

 8D75D4

 7D60D4

 9D8AD4

 6D4BD4

 AD9FD4

 5D35D4

 BDB5D4

 4E20D4

 CCCAD4

 3E0BD4

 DCDFD4

 3600D4

 ECF4D4

 FCFFD4

 FFFFD4

# Harmonies

## Analogous

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



0388E4



8D75D4



C261AF

# Triad

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



8D75D4



BE722C



009B89

# Complementary

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



8D75D4



BCD475

# 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.



039858



8D75D4



978419

# Square

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



8D75D4



D65F52



66902E



009AB8

# Rectangle

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



8D75D4



D55890



66902E



009A78



# Sweetspot

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



8D75D4



E6DEFF



75BCD4



706B80



000000



808080



# Same Dimension

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



8D75D4



9875FF



BC75D4



63606B



2B00AB



0B002B



# Inverse Universe

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



D475BC



FF75DC



8DD475



6B6068



AB0080

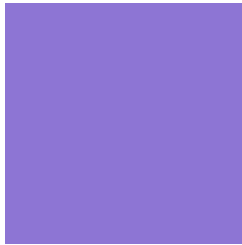


2B0020



# Previews

## White Background



This preview shows how the Hex color 8D75D4 looks on a white background.

## Color Contrast Check

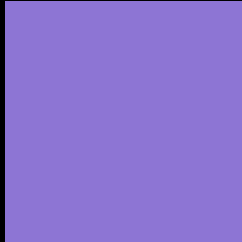
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8D75D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

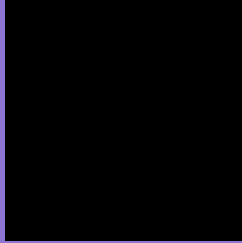
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D75D4 Background



This preview shows how black text looks on a background with the Hex color 8D75D4.

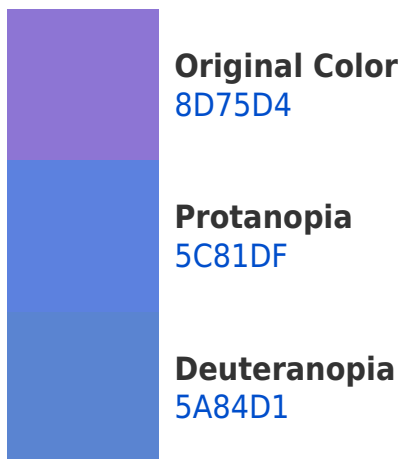


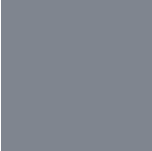
This preview shows how white text looks on a background with the Hex color 8D75D4.

# 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**  
7F858F

# Trichromacy



**Original Color**  
8D75D4

**Protanomaly**  
6E7DDB

**Deuteranomaly**  
6D7FD2

**Tritanomaly**  
847FA8

# Monochromacy



**Original Color**  
8D75D4

**Achromatopsia**  
878787

**Achromatomaly**  
8980A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D75D4 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 #8D75D4 looks like.

```
.text, #text, p{  
    color:#8D75D4  
}
```

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 #8D75D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D75D4
}
```

## Border

The CSS property to change the border of an element to Hex 8D75D4 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
#8D75D4 }
```

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

```
.border{ border-color:#8D75D4 }
```

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

Here you see how a box with a 4 pixel #8D75D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D75D4; -webkit-box-shadow:4px 4px  
4px 4px #8D75D4; box-shadow:4px 4px 4px  
4px #8D75D4 }
```

# Background

The CSS property to change the background color of an element to Hex 8D75D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D75D4 }
```

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

```
.background{ background-color:#8D75D4 }
```

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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