

# Converting Colors

Hex(8866D4)

Have a look what the booklet for  
Hex(8866D4) contains.

<b>Hex(8866D4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8866D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8866D4
RGB	136, 102, 212
RGB Percent	53%, 40%, 83%
CMY	0.4667, 0.6000, 0.1686
CMYK	0.36, 0.52, 0.00, 0.17
HSL	259°, 56%, 62%
HSV	259°, 52%, 83%
XYZ	26.7884, 19.4904, 64.6375
YIQ	124.7060, -15.0460, 41.4180

# Conversions

## Conversions Part 2

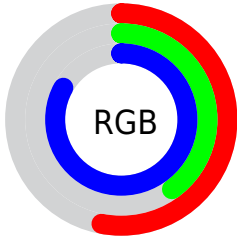
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">136, 102, 212</a>
Decimal	<a href="#">8939220</a>
CIELab	<a href="#">51.26, 37.93, -52.13</a>
CIELCh	<a href="#">51, 64.466, 306.037</a>
Yxy	<a href="#">19.4904, 0.2415, 0.1757</a>
Android (android.graphics.Color)	<a href="#">4287129300</a> ( <a href="#">0xFF8866D4</a> )
YUV	<a href="#">124.7060, 43.0359, 9.9048</a>
Hunter-Lab	<a href="#">44.1480, 31.0523, -55.9035</a>

# Details

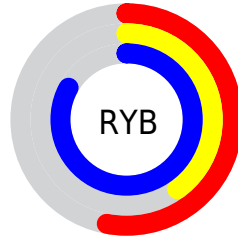
The Hex color **8866D4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B2D466**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C19AFF**, and **51369D** is the 20% darker color. If you saturate the color by 10%, you get **7951D4**, and if you desaturate by 10%, it is **977BD4**.

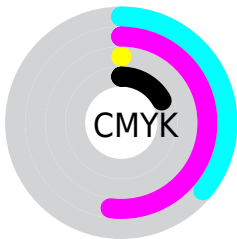
# Distribution



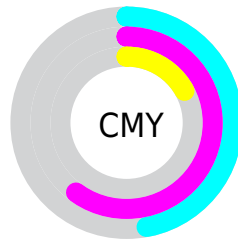
- Red (53%)
- Green (40%)
- Blue (83%)



- Red (53%)
- Yellow (40%)
- Blue (83%)



- Cyan (36%)
- Magenta (52%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (60%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8866D4 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 8866D4 by changing the saturation by 10% instead.



8866D4

8866D4

FFFFFF

6C4DB8

C19AFF

51369D

DEB5FF

341F82

FBD1FF

130768

FFEDFF

000050

000537

000221

000006

000000

 8866D4

 8866D4

 7951D4

 977BD4

 6B3CD4

 A590D4

 5C26D4

 B4A6D4

 4D11D4

 C3BBD4

 4200D4

 D1D0D4

 E0E5D4

 EFFAD4

 FDFFD4

 FFFFD4

# Harmonies

## Analogous

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



007DE9



8866D4



C44AA8

# Triad

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



8866D4



B66601



009384

# Complementary

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



8866D4



B2D466

# 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.



00904B



8866D4



897B00

# Square

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



8866D4



D34D3C



4E890E



0092BA

# Rectangle

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



8866D4



D73E84



4E890E



009271



# Sweetspot

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



8866D4



E3D6FF



66B3D4



6F6780



000000



808080



# Same Dimension

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



8866D4



9261FF



BE66D4



64606B



3500AB



0D002B



# Inverse Universe

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



D466B2



FF61CE



7CD466



6B6068



AB0076

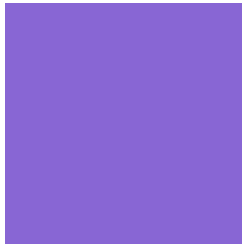


2B001E



# Previews

## White Background



This preview shows how the Hex color 8866D4 looks on a white background.

## Color Contrast Check

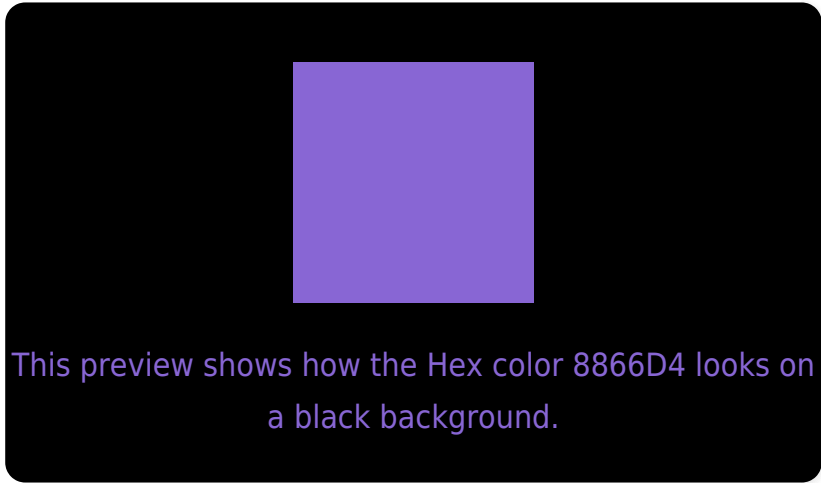
Large Text (above 18pt) WCAG AA ✓ Pass

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

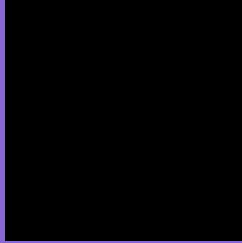
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8866D4 Background



This preview shows how black text looks on a background with the Hex color 8866D4.



This preview shows how white text looks on a background with the Hex color 8866D4.

# 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



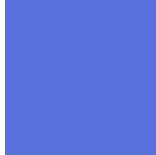


**Tritanopia**  
777A84

# Trichromacy



**Original Color**  
8866D4



**Protanomaly**  
5A70DE



**Deuteranomaly**  
5873D1



**Tritanomaly**  
7D73A1

# Monochromacy



**Original Color**  
8866D4



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
81759D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8866D4 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 #8866D4 looks like.

```
.text, #text, p{  
    color:#8866D4  
}
```

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 #8866D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8866D4
}
```

## Border

The CSS property to change the border of an element to Hex 8866D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

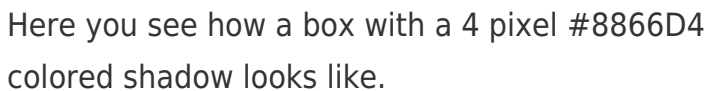
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8866D4 }
```

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

```
.border{ border-color:#8866D4 }
```

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



Here you see how a box with a 4 pixel #8866D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8866D4; -webkit-box-shadow:4px 4px  
4px 4px #8866D4; box-shadow:4px 4px 4px  
4px #8866D4 }
```

# Background

The CSS property to change the background color of an element to Hex 8866D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8866D4 }
```

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

```
.background{ background-color:#8866D4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor