

# Converting Colors

Hex(8276E2)

Have a look what the booklet for  
Hex(8276E2) contains.

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# Color

Hex(8276E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	8276E2
RGB	130, 118, 226
RGB Percent	51%, 46%, 89%
CMY	0.4902, 0.5373, 0.1137
CMYK	0.42, 0.48, 0.00, 0.11
HSL	247°, 65%, 67%
HSV	247°, 48%, 89%
XYZ	29.4118, 23.1937, 74.8782
YIQ	133.9000, -27.5160, 36.1320

# Conversions

## Conversions Part 2

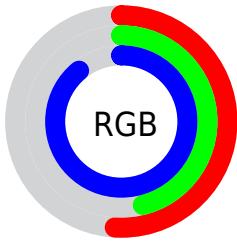
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 118, 226
Decimal	8550114
CIE <sub>Lab</sub>	55.27, 30.99, -53.65
CIE <sub>LCh</sub>	55, 61.959, 300.010
Yxy	23.1937, 0.2307, 0.1819
Android (android.graphics.Color)	4286740194 (0xFF8276E2)
YUV	133.9000, 45.4053, -3.4203
Hunter-Lab	48.1598, 24.7326, -58.4713

# Details

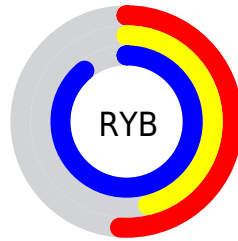
The Hex color **8276E2** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D6E276**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BBAAFF**, and **4945AA** is the 20% darker color. If you saturate the color by 10%, you get **6E5FE2**, and if you desaturate by 10%, it is **968DE2**.

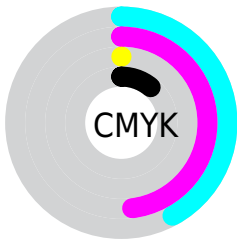
# Distribution



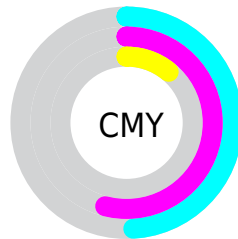
- Red (51%)
- Green (46%)
- Blue (89%)



- Red (51%)
- Yellow (46%)
- Blue (89%)



- Cyan (42%)
- Magenta (48%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (54%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8276E2 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 8276E2 by changing the saturation by 10% instead.



8276E2

8276E2

FFFFFF

665DC6

BBAAFF

4945AA

D8C6FF

2A2F8F

F6E2FF

001A75

FFFEFF

00055B

000043

00032C

000116

000000

■ 8276E2

■ 8276E2

■ 6E5FE2

■ 968DE2

■ 5A49E2

■ AAA3E2

■ 4632E2

■ BEBAE2

■ 321CE2

■ D2D0E2

■ 1E05E2

■ E6E7E2

■ 1900E2

■ FBFEE2

■ FFFFE2

# Harmonies

## Analogous

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



008BF0



8276E2



C45DBB

# Triad

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



8276E2



C76D23



009D83

# Complementary

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



8276E2



D6E276

# 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.



00994B



8276E2



9E8200

# Square

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



8276E2



E05652



699118



009DB9

# Rectangle

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



8276E2



DB5099



699118



009C70



# Sweetspot

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



8276E2



DFDBFF



76D7E2



6C6A80



000000



808080



# Same Dimension

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



8276E2



7E6EFF



B776E2



666570



1400B0



050030



# Inverse Universe

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



E276D6



FF6EEF



A1E276



70656F



B0009C

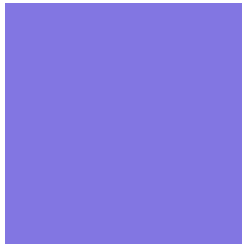


30002B



# Previews

## White Background



This preview shows how the Hex color 8276E2 looks on a white background.

## Color Contrast Check

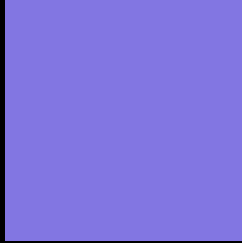
Large Text (above 18pt) WCAG AA ✓ Pass

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 8276E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

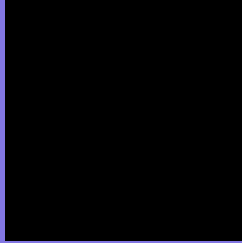
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8276E2 Background



This preview shows how black text looks on a background with the Hex color 8276E2.

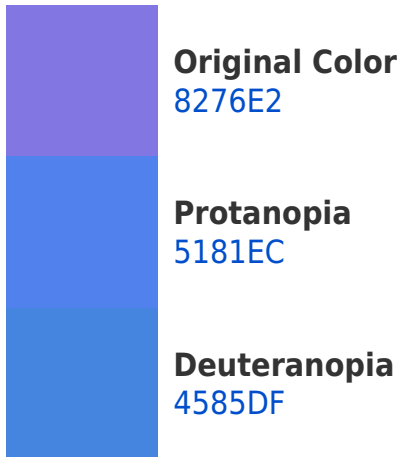


This preview shows how white text looks on a background with the Hex color 8276E2.

# 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](#).

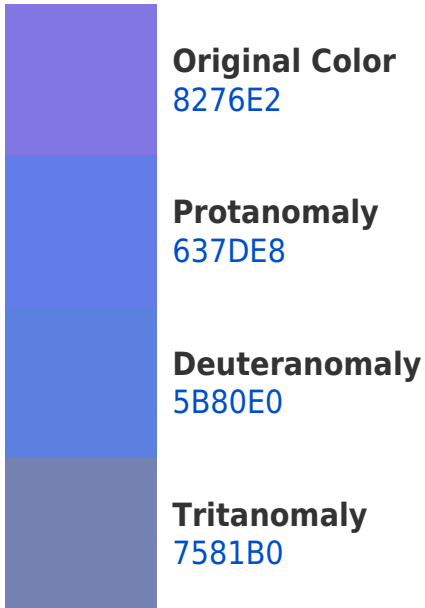
## Dichromacy





**Tritanopia**  
6E8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8276E2 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 #8276E2 looks like.

```
.text, #text, p{  
    color:#8276E2  
}
```

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 #8276E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8276E2
}
```

## Border

The CSS property to change the border of an element to Hex 8276E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

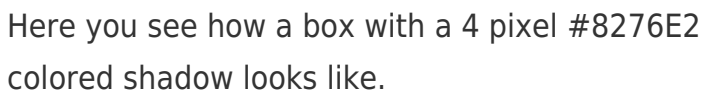
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8276E2 }
```

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

```
.border{ border-color:#8276E2 }
```

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



Here you see how a box with a 4 pixel #8276E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8276E2; -webkit-box-shadow:4px 4px  
4px 4px #8276E2; box-shadow:4px 4px 4px  
4px #8276E2 }
```

# Background

The CSS property to change the background color of an element to Hex 8276E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8276E2 }
```

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

```
.background{ background-color:#8276E2 }
```

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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