

# Converting Colors

Hex(8264CE)

Have a look what the booklet for  
Hex(8264CE) contains.

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# Color

**Hex(8264CE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8264CE
RGB	130, 100, 206
RGB Percent	51%, 39%, 81%
CMY	0.4902, 0.6078, 0.1922
CMYK	0.37, 0.51, 0.00, 0.19
HSL	257°, 52%, 60%
HSV	257°, 51%, 81%
XYZ	24.9037, 18.3164, 60.6154
YIQ	121.0540, -16.1460, 39.3260

# Conversions

## Conversions Part 2

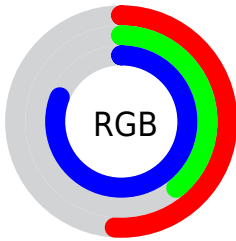
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 100, 206</a>
Decimal	<a href="#">8545486</a>
CIELab	<a href="#">49.88, 35.99, -50.95</a>
CIELCh	<a href="#">50, 62.376, 305.241</a>
Yxy	<a href="#">18.3164, 0.2398, 0.1764</a>
Android (android.graphics.Color)	<a href="#">4286735566</a> ( <a href="#">0xFF8264CE</a> )
YUV	<a href="#">121.0540, 41.8784, 7.8456</a>
Hunter-Lab	<a href="#">42.7977, 28.9720, -54.0155</a>

# Details

The Hex color **8264CE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **B0CE64**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BA98FF**, and **4B3497** is the 20% darker color. If you saturate the color by 10%, you get **734FCE**, and if you desaturate by 10%, it is **9179CE**.

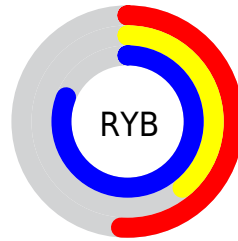
# Distribution



Red (51%)

Green (39%)

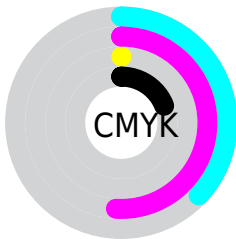
Blue (81%)



Red (51%)

Yellow (39%)

Blue (81%)

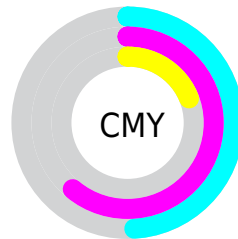


Cyan (37%)

Magenta (51%)

Yellow (0%)

Black (19%)



Cyan (49%)

Magenta (61%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8264CE 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 8264CE by changing the saturation by 10% instead.



■ 8264CE

■ 8264CE

FFFFFF

■ 664CB2

■ BA98FF

■ 4B3497

■ D7B3FF

■ 2E1D7D

■ F4CEFF

■ 090763

■ FFEBFF

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 8264CE

■ 8264CE

734FCE

9179CE

643BCE

A08DCE

5626CE

AEA2CE

4712CE

BDB6CE

3A00CE

CCCBCE

DBE0CE

E9F4CE

F8FFCE

FFFFCE

# Harmonies

## Analogous

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



007AE1



8264CE



BD4AA4

# Triad

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



8264CE



B16306



008F7F

# Complementary

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



8264CE



B0CE64

# 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.



008C47



8264CE



867700

# Square

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



8264CE



CD4B3C



4F850E



008EB3

# Rectangle

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



8264CE



CF3E81



4F850E



008E6C



# Sweetspot

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



8264CE



E4D9FF



64B2CE



6F6980



000000



808080



# Same Dimension

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



8264CE



8E61FF



B564CE



5F5C66



2F00A6



0B0026



# Inverse Universe

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



CE64B0



FF61D2



7DCE64



665C63



A60077

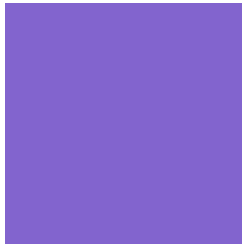


26001B



# Previews

## White Background



This preview shows how the Hex color 8264CE looks on a white background.

## Color Contrast Check

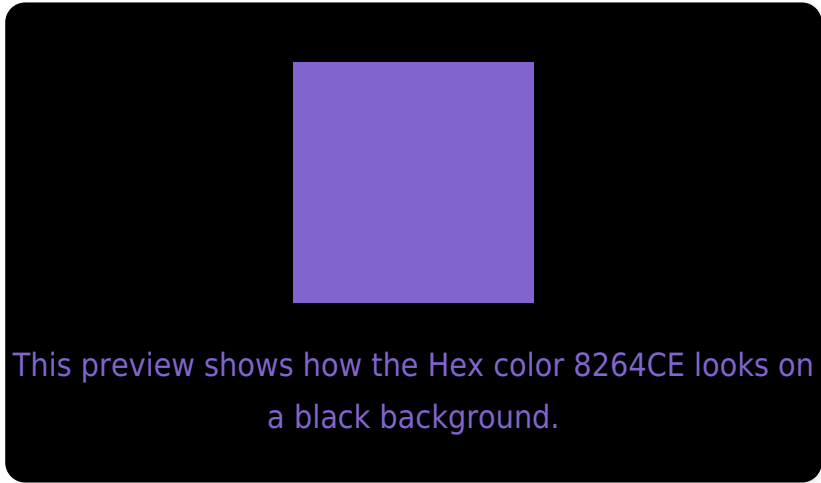
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 8264CE Background



This preview shows how black text looks on a background with the Hex color 8264CE.



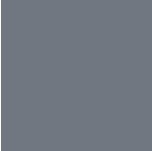
This preview shows how white text looks on a background with the Hex color 8264CE.

# 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](#).

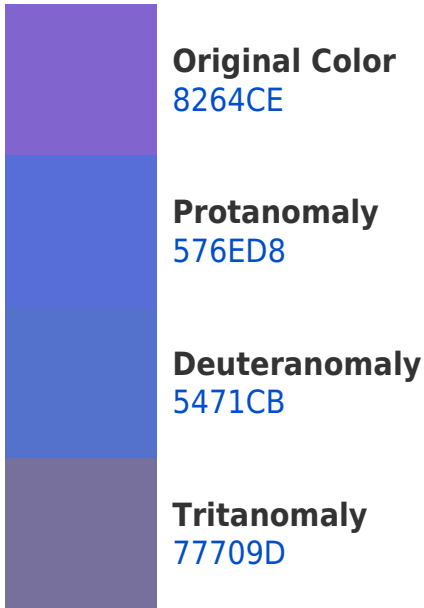
## Dichromacy



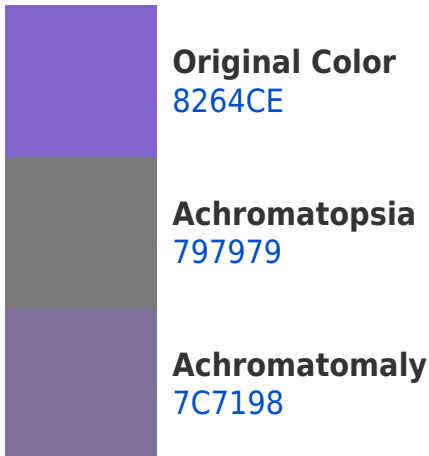


**Tritanopia**  
717781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8264CE 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 #8264CE looks like.

```
.text, #text, p{  
    color:#8264CE  
}
```

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 #8264CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8264CE
}
```

## Border

The CSS property to change the border of an element to Hex 8264CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

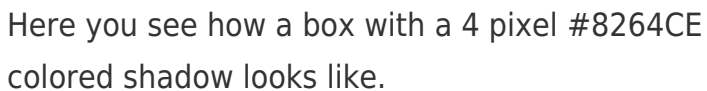
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8264CE }
```

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

```
.border{ border-color:#8264CE }
```

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



Here you see how a box with a 4 pixel #8264CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8264CE; -webkit-box-shadow:4px 4px  
4px 4px #8264CE; box-shadow:4px 4px 4px  
4px #8264CE }
```

# Background

The CSS property to change the background color of an element to Hex 8264CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8264CE }
```

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

```
.background{ background-color:#8264CE }
```

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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