

# Converting Colors

Hex(8264C0)

Have a look what the booklet for  
Hex(8264C0) contains.

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# Color

**Hex(8264C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8264C0
RGB	130, 100, 192
RGB Percent	51%, 39%, 75%
CMY	0.4902, 0.6078, 0.2471
CMYK	0.32, 0.48, 0.00, 0.25
HSL	260°, 42%, 57%
HSV	260°, 48%, 75%
XYZ	23.2775, 17.6659, 52.0522
YIQ	119.4580, -11.6520, 34.9720

# Conversions

## Conversions Part 2

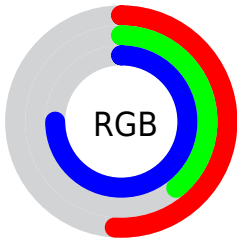
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 100, 192</a>
Decimal	<a href="#">8545472</a>
CIELab	<a href="#">49.09, 32.27, -44.16</a>
CIELCh	<a href="#">49, 54.697, 306.159</a>
Yxy	<a href="#">17.6659, 0.2503, 0.1900</a>
Android (android.graphics.Color)	<a href="#">4286735552 (0xFF8264C0)</a>
YUV	<a href="#">119.4580, 35.7632, 9.2453</a>
Hunter-Lab	<a href="#">42.0309, 25.3028, -44.0047</a>

# Details

The Hex color **8264C0** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **A2C064**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B997F9**, and **4D348A** is the 20% darker color. If you saturate the color by 10%, you get **7551C0**, and if you desaturate by 10%, it is **8F77C0**.

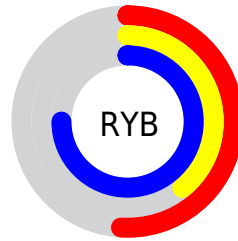
# Distribution



Red (51%)

Green (39%)

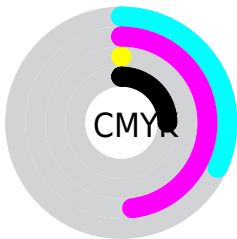
Blue (75%)



Red (51%)

Yellow (39%)

Blue (75%)

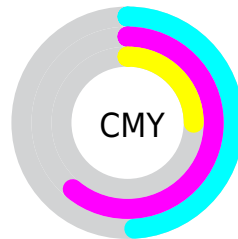


Cyan (32%)

Magenta (48%)

Yellow (0%)

Black (25%)



Cyan (49%)

Magenta (61%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8264C0 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 8264C0 by changing the saturation by 10% instead.



■ 8264C0

■ 8264C0

FFFFFF

■ 674CA5

■ B997F9

■ 4D348A

■ D6B2FF

■ 321E70

■ F3CEFF

■ 150857

■ FFEAFF

■ 00003F

■ 000328

■ 000112

■ 000000

■ 8264C0

■ 8264C0

7551C0

8F77C0

683EC0

9C8AC0

5B2AC0

A99EC0

4E17C0

B6B1C0

4104C0

C3C4C0

3F00C0

D0D7C0

DDEAC0

EAFEC0

F6FFC0

# Harmonies

## Analogous

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



0077D1



8264C0



B44F9B

# Triad

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



8264C0



A9641A



008A7D

# Complementary

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



8264C0



A2C064

# 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.



00884D



8264C0



837602

# Square

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



8264C0



C25140



528122



0089AA

# Rectangle

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



8264C0



C4477D



528122



008A6D



# Sweetspot

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



8264C0



E2D7FA



64A3C0



6F687D



FCFCFC



7D7D7D



# Same Dimension

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



8264C0



9869FA



AF64C0



5A5761



3400A1



0B0021



# Inverse Universe

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



C064A2



FA69CB



75C064



61575E



A1006C

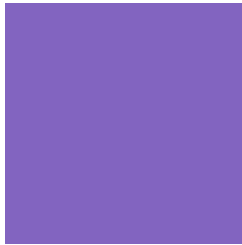


210016



# Previews

## White Background



This preview shows how the Hex color 8264C0 looks on a white background.

## Color Contrast Check

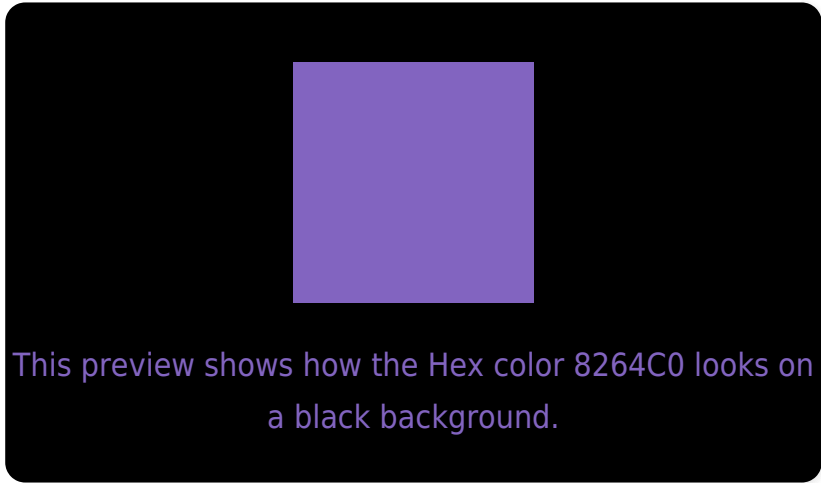
Large Text (above 18pt) WCAG AA ✓ Pass

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

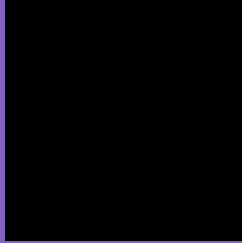
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8264C0 Background



This preview shows how black text looks on a background with the Hex color 8264C0.

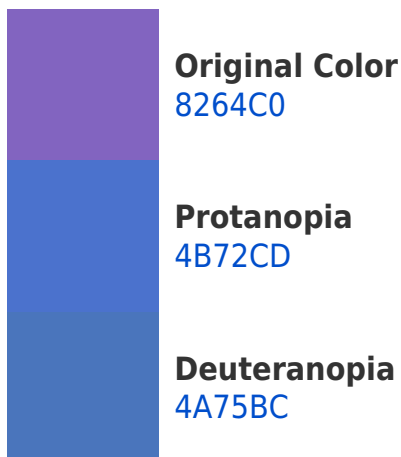


This preview shows how white text looks on a background with the Hex color 8264C0.

# 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](#).

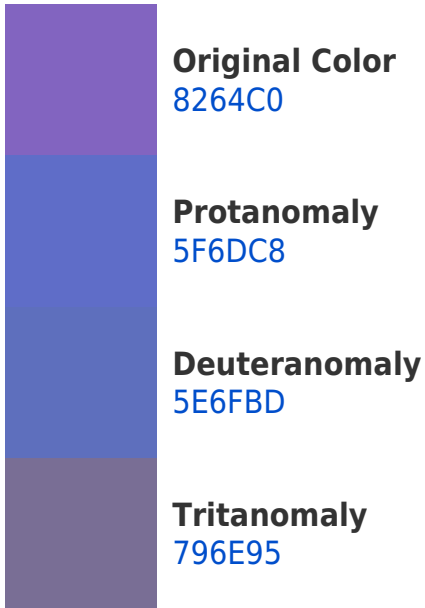
## Dichromacy





**Tritanopia**  
74747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8264C0 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 #8264C0 looks like.

```
.text, #text, p{  
    color:#8264C0  
}
```

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 #8264C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8264C0
}
```

## Border

The CSS property to change the border of an element to Hex 8264C0 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
#8264C0 }
```

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

```
.border{ border-color:#8264C0 }
```

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

Here you see how a box with a 4 pixel #8264C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8264C0; -webkit-box-shadow:4px 4px  
4px 4px #8264C0; box-shadow:4px 4px 4px  
4px #8264C0 }
```

# Background

The CSS property to change the background color of an element to Hex 8264C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8264C0 }
```

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

```
.background{ background-color:#8264C0 }
```

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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