

# Converting Colors

Hex(8063B4)

Have a look what the booklet for  
Hex(8063B4) contains.

<b>Hex(8063B4)</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(8063B4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8063B4
RGB	128, 99, 180
RGB Percent	50%, 39%, 71%
CMY	0.4980, 0.6118, 0.2941
CMYK	0.29, 0.45, 0.00, 0.29
HSL	261°, 35%, 55%
HSV	261°, 45%, 71%
XYZ	21.6021, 16.8082, 45.2858
YIQ	116.9050, -8.7170, 31.3390

# Conversions

## Conversions Part 2

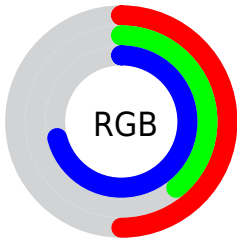
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 99, 180</a>
Decimal	<a href="#">8414132</a>
CIELab	<a href="#">48.02, 29.20, -38.92</a>
CIElCh	<a href="#">48, 48.650, 306.879</a>
Yxy	<a href="#">16.8082, 0.2581, 0.2008</a>
Android (android.graphics.Color)	<a href="#">4286604212 (0xFF8063B4)</a>
YUV	<a href="#">116.9050, 31.1058, 9.7303</a>
Hunter-Lab	<a href="#">40.9978, 22.3074, -36.7928</a>

# Details

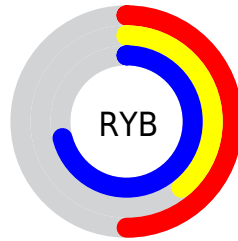
The Hex color **8063B4** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **97B463**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B796EC**, and **4C347F** is the 20% darker color. If you saturate the color by 10%, you get **7451B4**, and if you desaturate by 10%, it is **8C75B4**.

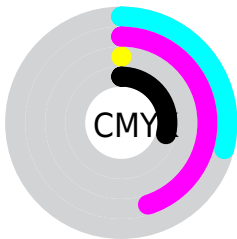
# Distribution



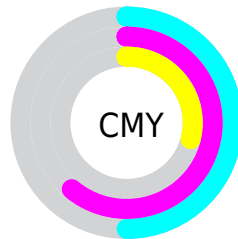
- Red (50%)
- Green (39%)
- Blue (71%)



- Red (50%)
- Yellow (39%)
- Blue (71%)



- Cyan (29%)
- Magenta (45%)
- Yellow (0%)
- Black (29%)



- Cyan (50%)
- Magenta (61%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8063B4 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 8063B4 by changing the saturation by 10% instead.



■ 8063B4

■ 8063B4

FFFFFF

■ 664B99

■ B796EC

■ 4C347F

■ D3B1FF

■ 321D65

■ F0CDFF

■ 17084D

■ FFE9FF

■ 000036

■ 00021F

■ 000002

■ 000000

■ 8063B4

■ 8063B4

7451B4

8C75B4

693FB4

9787B4

5D2DB4

A399B4

521BB4

AEABB4

4609B4

BABDB4

4000B4

C5CFB4

D1E1B4

DCF3B4

E8FFB4

# Harmonies

## Analogous

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



2974C4



8063B4



AB5293

# Triad

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



8063B4



A16424



00867B

# Complementary

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



8063B4



97B463

# 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.



008350



8063B4



7F7317

# Square

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



8063B4



B75443



537D2B



0084A2

# Rectangle

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



8063B4



B94C78



537D2B



00856C



# Sweetspot

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



8063B4



D6CAEB



6398B4



686175



F5F5F5



757575



# Same Dimension

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



8063B4



996CEB



A863B4



545059



370099



09001A



# Inverse Universe

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



B46397



EB6CBD



6FB463



595056



990062

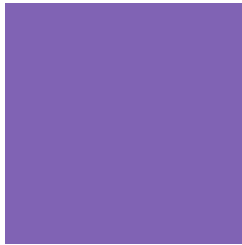


1A0010



# Previews

## White Background



This preview shows how the Hex color 8063B4 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



This preview shows how the Hex color 8063B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

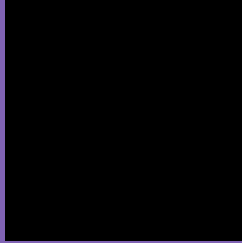
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8063B4 Background



This preview shows how black text looks on a background with the Hex color 8063B4.



This preview shows how white text looks on a background with the Hex color 8063B4.

# 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



**Original Color**  
8063B4

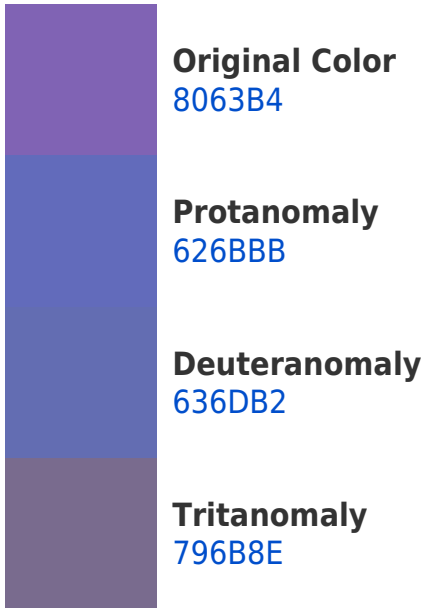
**Protanopia**  
516FBF

**Deuteranopia**  
5272B1

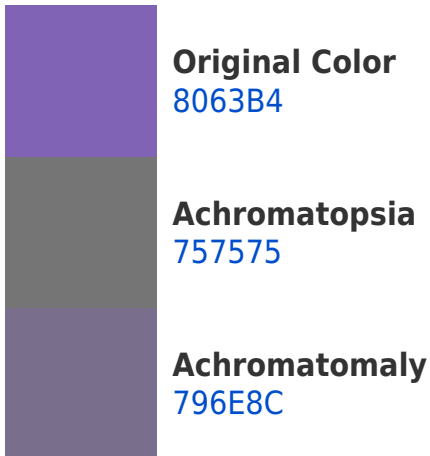


**Tritanopia**  
757079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8063B4 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 #8063B4 looks like.

```
.text, #text, p{  
    color:#8063B4  
}
```

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 #8063B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8063B4
}
```

## Border

The CSS property to change the border of an element to Hex 8063B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

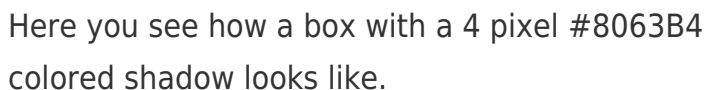
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8063B4 }
```

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

```
.border{ border-color:#8063B4 }
```

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



Here you see how a box with a 4 pixel #8063B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8063B4; -webkit-box-shadow:4px 4px  
4px 4px #8063B4; box-shadow:4px 4px 4px  
4px #8063B4 }
```

# Background

The CSS property to change the background color of an element to Hex 8063B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8063B4 }
```

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

```
.background{ background-color:#8063B4 }
```

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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