

# Converting Colors

Hex(8636BD)

Have a look what the booklet for  
Hex(8636BD) contains.

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# Color

**Hex(8636BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8636BD
RGB	134, 54, 189
RGB Percent	53%, 21%, 74%
CMY	0.4745, 0.7882, 0.2588
CMYK	0.29, 0.71, 0.00, 0.26
HSL	276°, 56%, 48%
HSV	276°, 71%, 74%
XYZ	20.3360, 11.3808, 49.2690
YIQ	93.3100, 4.3450, 58.9450

# Conversions

## Conversions Part 2

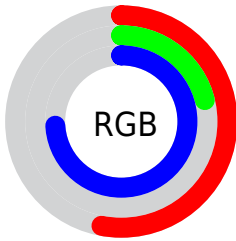
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 54, 189
Decimal	8795837
CIE <sub>Lab</sub>	40.21, 56.75, -56.62
CIE <sub>LCh</sub>	40, 80.165, 315.063
Yxy	11.3808, 0.2511, 0.1405
Android (android.graphics.Color)	4286985917 (0xFF8636BD)
YUV	93.3100, 47.1752, 35.6851
Hunter-Lab	33.7354, 48.5643, -62.9755

# Details

The Hex color **8636BD** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **6DBD36**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BF6BF6**, and **4E0087** is the 20% darker color. If you saturate the color by 10%, you get **7E23BD**, and if you desaturate by 10%, it is **8E49BD**.

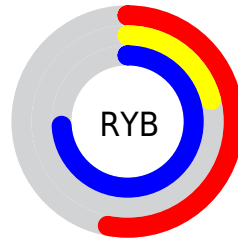
# Distribution



Red (53%)

Green (21%)

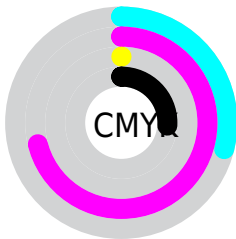
Blue (74%)



Red (53%)

Yellow (21%)

Blue (74%)

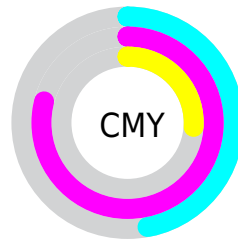


Cyan (29%)

Magenta (71%)

Yellow (0%)

Black (26%)



Cyan (47%)

Magenta (79%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8636BD 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 8636BD by changing the saturation by 10% instead.



 8636BD

 8636BD

FFFFFF

 6A18A1

 BF6BF6

 4E0087

 DC86FF

 31006D

 FAA2FF

 170054

 FFBEFF

 00003B

 FFDAFF

 000225

 FFF8FF

 00010D

 000000

 8636BD

 8636BD

 7E23BD

 8E49BD

 7710BD

 955CBD

 7000BD

 9D6FBD

 A582BD

 AD95BD

 B4A7BD

 BCBABD

 C4CDBD

 CBE0BD

# Harmonies

## Analogous

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



005DE0



8636BD



BF0082

# Triad

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



8636BD



8F5000



00797F

# Complementary

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



8636BD



6DBD36

# 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.



00773A



8636BD



566600

# Square

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



8636BD



B82300



007200



0078BC

# Rectangle

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



8636BD



CB0057



007200



007869



# Sweetspot

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



8636BD



E0C1F5



366EBD



6E5C7A



FAFAFA



7A7A7A



# Same Dimension

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



8636BD



9F22F5



BD36B2



5B555E



5E009E



12001F



# Inverse Universe

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



BD366D



F52278



36BD41



5E5559



9E0040

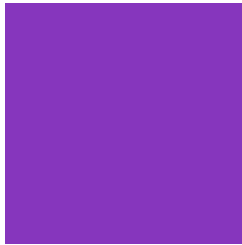


1F000C



# Previews

## White Background



This preview shows how the Hex color 8636BD looks on a white background.

## Color Contrast Check

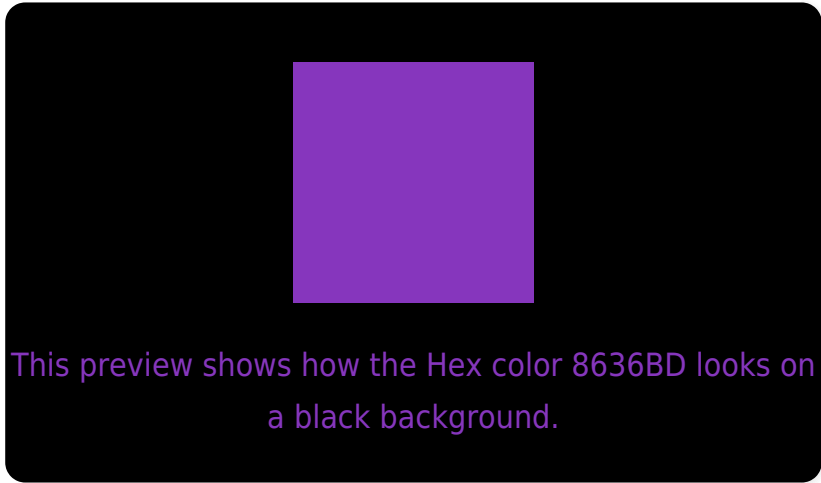
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

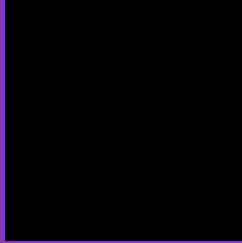
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8636BD Background



This preview shows how black text looks on a background with the Hex color 8636BD.

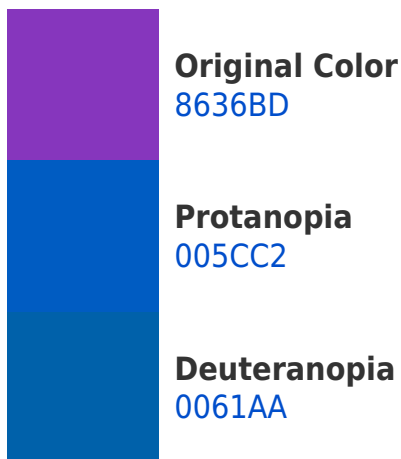



This preview shows how white text looks on a background with the Hex color 8636BD.

# 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](#).

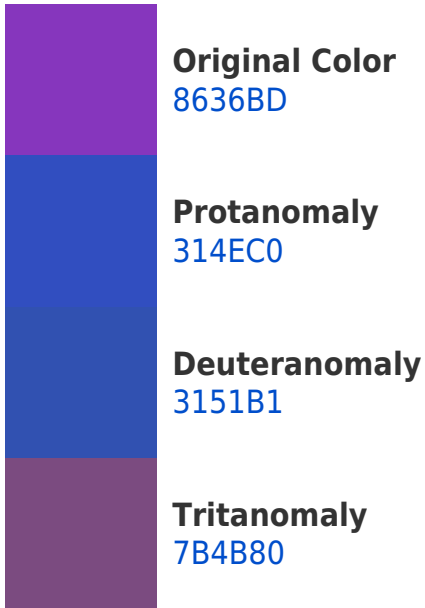
## Dichromacy



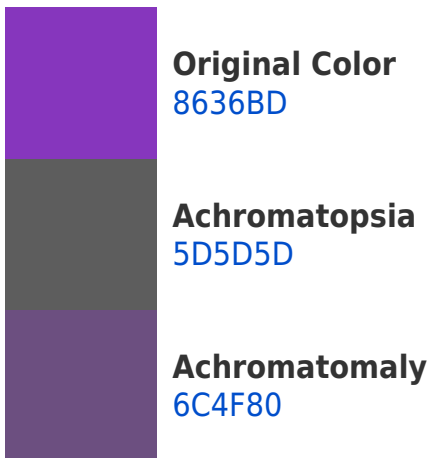


**Tritanopia**  
75575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8636BD 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 #8636BD looks like.

```
.text, #text, p{  
    color:#8636BD  
}
```

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 #8636BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8636BD
}
```

## Border

The CSS property to change the border of an element to Hex 8636BD 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
#8636BD }
```

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

```
.border{ border-color:#8636BD }
```

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

Here you see how a box with a 4 pixel #8636BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8636BD; -webkit-box-shadow:4px 4px  
4px 4px #8636BD; box-shadow:4px 4px 4px  
4px #8636BD }
```

# Background

The CSS property to change the background color of an element to Hex 8636BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8636BD }
```

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

```
.background{ background-color:#8636BD }
```

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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