

# Converting Colors

Hex(5D6BE8)

Have a look what the booklet for  
Hex(5D6BE8) contains.

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# Color

**Hex(5D6BE8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D6BE8
RGB	93, 107, 232
RGB Percent	36%, 42%, 91%
CMY	0.6353, 0.5804, 0.0902
CMYK	0.60, 0.54, 0.00, 0.09
HSL	234°, 75%, 64%
HSV	234°, 60%, 91%
XYZ	24.3374, 18.6687, 78.6646
YIQ	117.0640, -48.4690, 35.9070

# Conversions

## Conversions Part 2

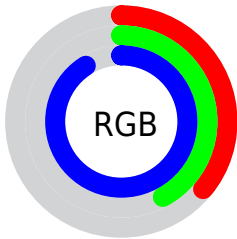
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 106, 232
Decimal	6122472
CIE <sub>Lab</sub>	50.30, 31.74, -65.16
CIE <sub>LCh</sub>	50, 72.474, 295.972
Yxy	18.6687, 0.2000, 0.1534
Android (android.graphics.Color)	4284312552 (0xFF5D6BE8)
YUV	117.0640, 56.6634, -21.1041
Hunter-Lab	43.2073, 24.9308, -77.7001

# Details

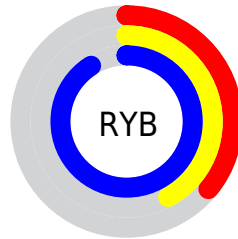
The Hex color **5D6BE8** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **E8DA5D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9A9EFF**, and **013CAF** is the 20% darker color. If you saturate the color by 10%, you get **4656E8**, and if you desaturate by 10%, it is **7480E8**.

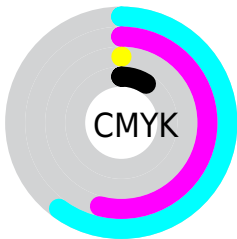
# Distribution



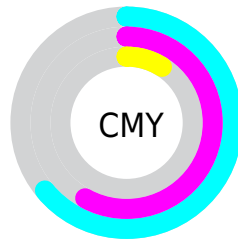
- Red (36%)
- Green (42%)
- Blue (91%)



- Red (36%)
- Yellow (42%)
- Blue (91%)



- Cyan (60%)
- Magenta (54%)
- Yellow (0%)
- Black (9%)



- Cyan (64%)
- Magenta (58%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D6BE8 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 5D6BE8 by changing the saturation by 10% instead.



■ 5D6BE8

■ 5D6BE8

FFFFFF

■ 3B53CB

■ 9A9EFF

■ 013CAF

■ B8B9FF

■ 002794

■ D6D5FF

■ 00147A

■ F5F1FF

■ 000060

■ 000847

■ 000430

■ 00011A

■ 000000

■ 5D6BE8

■ 5D6BE8

■ 4656E8

■ 7480E8

■ 2F41E8

■ 8B95E8

■ 172CE8

■ A3AAE8

■ 0018E8

■ BABEE8

■ 0017E8

■ D1D3E8

■ E8E8E8

■ FFFDE8

■ FFFFE8

# Harmonies

## Analogous

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



0082F4



5D6BE8



B849BE

# Triad

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



5D6BE8



C55700



00926D

# Complementary

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



5D6BE8



E8DA5D

# 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.



008D2B



5D6BE8



987200

# Square

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



5D6BE8



DF3546



5D8400



0092AC

# Rectangle

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



5D6BE8



D63197



5D8400



009157



# Sweetspot

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



5D6BE8



D1D6FF



5DE8D8



636680



000000



808080



# Same Dimension

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



5D6BE8



475AFF



925DE8



676873



0012B3



000533



# Inverse Universe

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



E85D6B



FF475A



B3E85D



736768



B30012

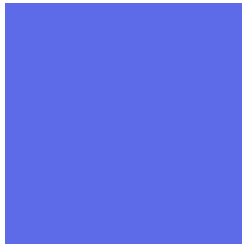


330005



# Previews

## White Background



This preview shows how the Hex color 5D6BE8 looks on a white background.

## Color Contrast Check

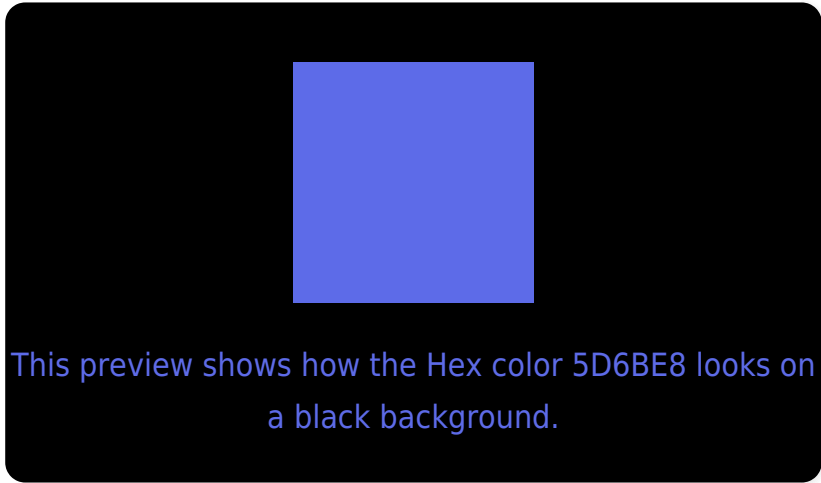
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

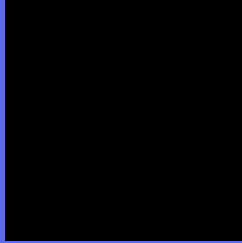
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D6BE8 Background



This preview shows how black text looks on a background with the Hex color 5D6BE8.




This preview shows how white text looks on a background with the Hex color 5D6BE8.

# 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](#).

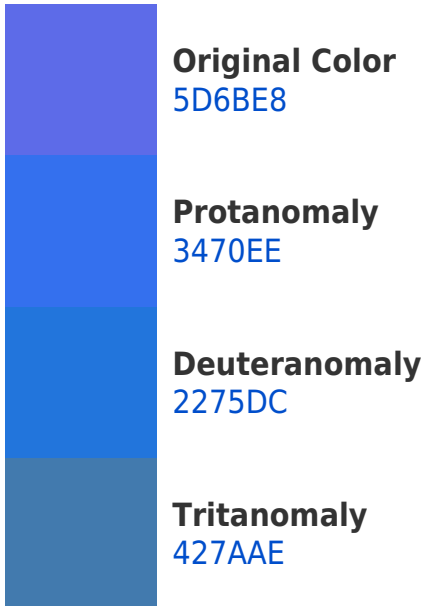
## Dichromacy





**Tritanopia**  
33828D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D6BE8 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 #5D6BE8 looks like.

```
.text, #text, p{  
    color:#5D6BE8  
}
```

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 #5D6BE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6BE8
}
```

## Border

The CSS property to change the border of an element to Hex 5D6BE8 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
#5D6BE8 }
```

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

```
.border{ border-color:#5D6BE8 }
```

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

Here you see how a box with a 4 pixel #5D6BE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6BE8; -webkit-box-shadow:4px 4px  
4px 4px #5D6BE8; box-shadow:4px 4px 4px  
4px #5D6BE8 }
```

# Background

The CSS property to change the background color of an element to Hex 5D6BE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6BE8 }
```

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

```
.background{ background-color:#5D6BE8 }
```

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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