

# Converting Colors

Hex(5B3DC6)

Have a look what the booklet for  
Hex(5B3DC6) contains.

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**Color**

**Hex(5B3DC6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B3DC6
RGB	91, 61, 198
RGB Percent	36%, 24%, 78%
CMY	0.6431, 0.7608, 0.2235
CMYK	0.54, 0.69, 0.00, 0.22
HSL	253°, 55%, 51%
HSV	253°, 69%, 78%
XYZ	16.1762, 9.6389, 54.4340
YIQ	85.5880, -26.0970, 48.9670

# Conversions

## Conversions Part 2

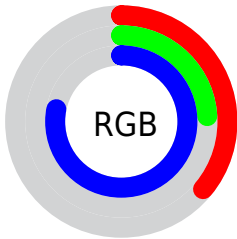
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 61, 198
Decimal	5979590
CIE <sub>Lab</sub>	37.19, 47.84, -67.03
CIE <sub>LCh</sub>	37, 82.350, 305.512
Yxy	9.6389, 0.2016, 0.1201
Android (android.graphics.Color)	4284169670 (0xFF5B3DC6)
YUV	85.5880, 55.4191, 4.7463
Hunter-Lab	31.0465, 38.6726, -82.2209

# Details

The Hex color **5B3DC6** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **A8C63D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **966FFF**, and **100C8F** is the 20% darker color. If you saturate the color by 10%, you get **4C29C6**, and if you desaturate by 10%, it is **6A51C6**.

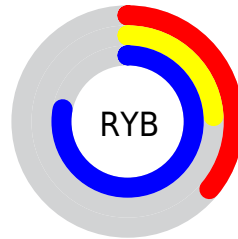
# Distribution



Red (36%)

Green (24%)

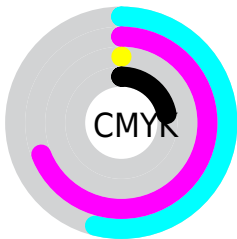
Blue (78%)



Red (36%)

Yellow (24%)

Blue (78%)

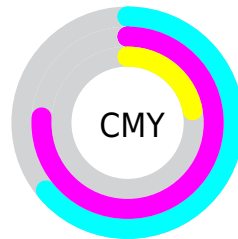


Cyan (54%)

Magenta (69%)

Yellow (0%)

Black (22%)



Cyan (64%)

Magenta (76%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B3DC6 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 5B3DC6 by changing the saturation by 10% instead.



■ 5B3DC6

■ 5B3DC6

FFFFFF

■ 3B25AA

■ 966FFF

■ 100C8F

■ B489FF

■ 000074

■ D1A4FF

■ 00005B

■ EFBFFF

■ 000742

■ FFDBFF

■ 00032B

■ FFF8FF

■ 000115

■ 000000

■ 5B3DC6

■ 5B3DC6

■ 4C29C6

■ 6A51C6

■ 3C15C6

■ 7A65C6

■ 2D02C6

■ 8978C6

■ 2B00C6

■ 998CC6

■ A8A0C6

■ B8B4C6

■ C7C8C6

■ D7DBC6

■ E6EFC6

# Harmonies

## Analogous

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



005EDF



5B3DC6



AC0090

# Triad

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



5B3DC6



953D00



007063

# Complementary

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



5B3DC6



A8C63D

# 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.



006E18



5B3DC6



615900

# Square

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



5B3DC6



B9000B



006700



0071A4

# Rectangle

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



5B3DC6



C10065



006700



00704B



# Sweetspot

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



5B3DC6



D5C9FF



3DA8C6



676080



000000



808080



# Same Dimension

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



5B3DC6



5A2BFF



9F3DC6



5C5A63



2400A3



080024



# Inverse Universe

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



C63DA8



FF2BD1



64C63D



635A61



A3007F

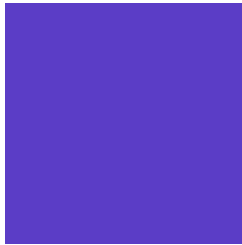


24001C



# Previews

## White Background



This preview shows how the Hex color 5B3DC6 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

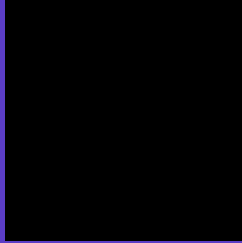
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B3DC6 Background



This preview shows how black text looks on a background with the Hex color 5B3DC6.

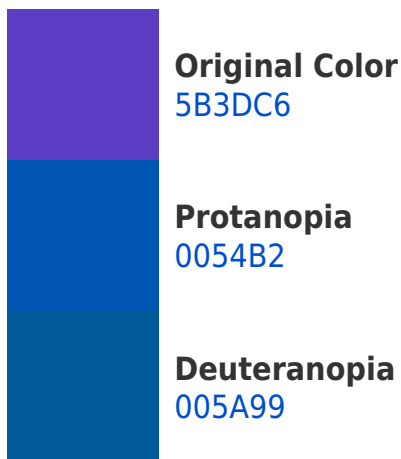


This preview shows how white text looks on a background with the Hex color 5B3DC6.

# 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**  
3A5D64

# Trichromacy



**Original Color**  
5B3DC6



**Protanomaly**  
214CB9



**Deuteranomaly**  
214FA9



**Tritanomaly**  
465188

# Monochromacy



**Original Color**  
5B3DC6



**Achromatopsia**  
565656



**Achromatomaly**  
584D7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B3DC6 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 #5B3DC6 looks like.

```
.text, #text, p{  
    color:#5B3DC6  
}
```

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 #5B3DC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3DC6
}
```

## Border

The CSS property to change the border of an element to Hex 5B3DC6 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
#5B3DC6 }
```

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

```
.border{ border-color:#5B3DC6 }
```

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

Here you see how a box with a 4 pixel #5B3DC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3DC6; -webkit-box-shadow:4px 4px  
4px 4px #5B3DC6; box-shadow:4px 4px 4px  
4px #5B3DC6 }
```

# Background

The CSS property to change the background color of an element to Hex 5B3DC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3DC6 }
```

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

```
.background{ background-color:#5B3DC6 }
```

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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