

Converting Colors

Hex(5D68CD)

Have a look what the booklet for
Hex(5D68CD) contains.

Hex(5D68CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D68CD)

Conversions

Conversions Part 1

Format	Color
Hex	5D68CD
RGB	93, 104, 205
RGB Percent	36%, 41%, 80%
CMY	0.6353, 0.5922, 0.1961
CMYK	0.55, 0.49, 0.00, 0.20
HSL	234°, 53%, 58%
HSV	234°, 55%, 80%
XYZ	20.4840, 16.6356, 59.8890
YIQ	112.2250, -38.9770, 29.0790

Conversions

Conversions Part 2

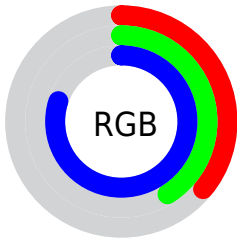
Format	Color
R_{YB}	93, 103, 205
Decimal	6121677
CIE _{Lab}	47.80, 24.79, -53.87
CIE _{LCh}	48, 59.300, 294.706
Yxy	16.6356, 0.2112, 0.1715
Android (android.graphics.Color)	4284311757 (0xFF5D68CD)
YUV	112.2250, 45.7381, -16.8603
Hunter-Lab	40.7867, 18.2698, -58.5075

Details

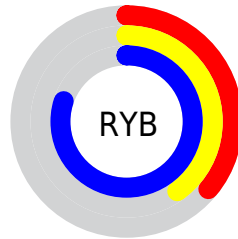
The Hex color **5D68CD** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **CDC25D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **979BFF**, and **1A3996** is the 20% darker color. If you saturate the color by 10%, you get **4956CD**, and if you desaturate by 10%, it is **727ACD**.

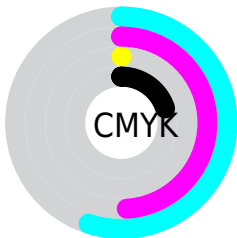
Distribution



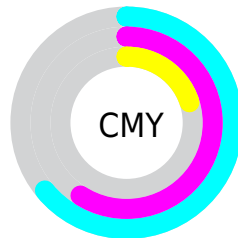
- Red (36%)
- Green (41%)
- Blue (80%)



- Red (36%)
- Yellow (40%)
- Blue (80%)



- Cyan (55%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (64%)
- Magenta (59%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D68CD 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 5D68CD by changing the saturation by 10% instead.

■ 5D68CD

■ 5D68CD

FFFFFF

■ 3F50B1

■ 979BFF

■ 1A3996

■ B4B6FF

■ 00247C

■ D1D1FF

■ 001162

■ EEEEFF

■ 00004A

■ 000432

■ 00011C

■ 000000

■ 5D68CD

■ 5D68CD

■ 4956CD

■ 727ACD

■ 3443CD

■ 868DCD

■ 1F31CD

■ 9B9FCD

■ 0B1ECD

■ AFB2CD

■ 0014CD

■ C3C4CD

■ D8D7CD

■ ECE9CD

■ FFFCCD

■ FFFFCD

Harmonies

Analogous

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



007AD6



5D68CD



A550AC

Triad

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



5D68CD



B4571D



008867

Complementary

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



5D68CD



CDC25D

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.



058333



5D68CD



906C00

Square

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



5D68CD



C8414B



607B00



00889A

Rectangle

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



5D68CD



BE418D



607B00



008755

Sweetspot

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



5D68CD



D6DAFF



5DCDC2



676A80



000000



808080

Same Dimension

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



5D68CD



5767FF



8A5DCD



5C5D66



0010A6



000426

Inverse Universe

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



CD5D68



FF5767



A0CD5D



665C5D



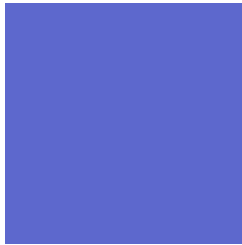
A60010



260004

Previews

White Background



This preview shows how the Hex color 5D68CD looks on a white background.

Color Contrast Check

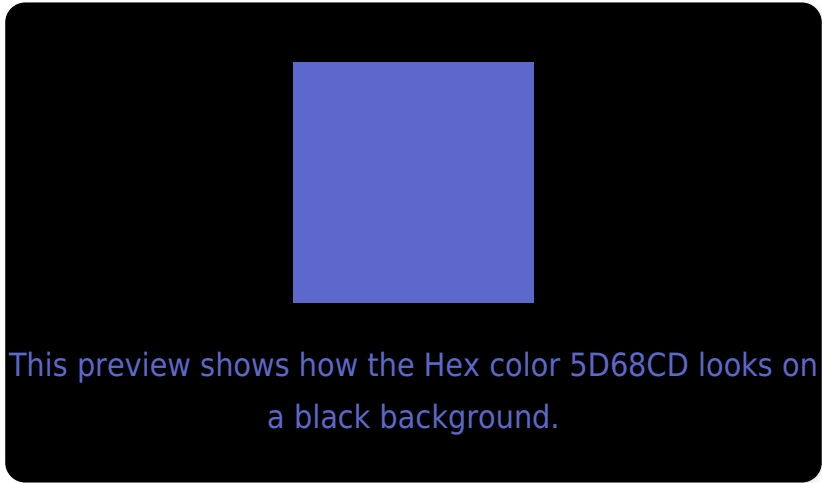
Large Text (above 18pt) WCAG AA ✓ Pass

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

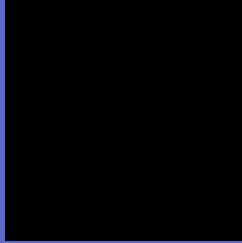
Any Text WCAG AA × Fail

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 5D68CD Background



This preview shows how black text looks on a background with the Hex color 5D68CD.

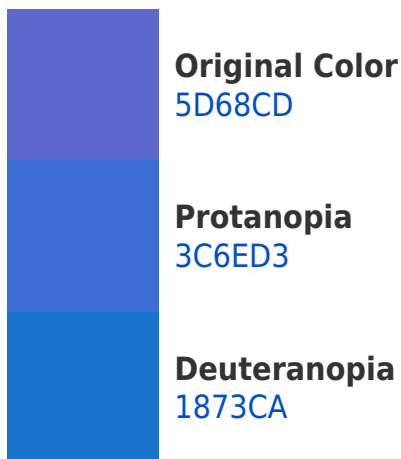



This preview shows how white text looks on a background with the Hex color 5D68CD.

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](#).

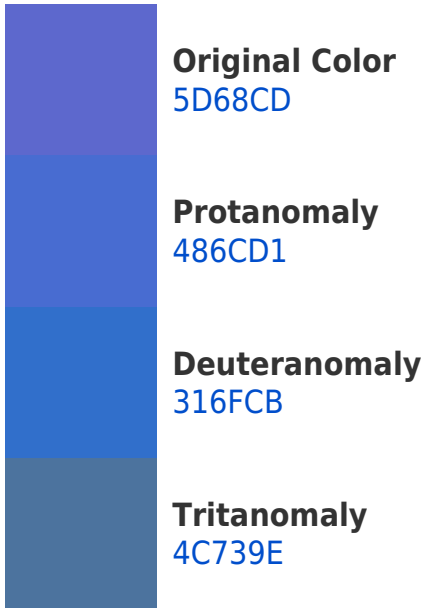
Dichromacy





Tritanopia
427A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D68CD 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 #5D68CD looks like.

```
.text, #text, p{  
    color:#5D68CD  
}
```

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 #5D68CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D68CD
}
```

Border

The CSS property to change the border of an element to Hex 5D68CD 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
#5D68CD }
```

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

```
.border{ border-color:#5D68CD }
```

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

Here you see how a box with a 4 pixel #5D68CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D68CD; -webkit-box-shadow:4px 4px  
4px 4px #5D68CD; box-shadow:4px 4px 4px  
4px #5D68CD }
```

Background

The CSS property to change the background color of an element to Hex 5D68CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D68CD }
```

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

```
.background{ background-color:#5D68CD }
```

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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