

Converting Colors

Hex(5657CD)

Have a look what the booklet for
Hex(5657CD) contains.

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Color

Hex(5657CD)

Conversions

Conversions Part 1

Format	Color
Hex	5657CD
RGB	86, 87, 205
RGB Percent	34%, 34%, 80%
CMY	0.6627, 0.6588, 0.1961
CMYK	0.58, 0.58, 0.00, 0.20
HSL	239°, 54%, 57%
HSV	239°, 58%, 80%
XYZ	18.2654, 13.2026, 59.3433
YIQ	100.1530, -38.4740, 36.4860

Conversions

Conversions Part 2

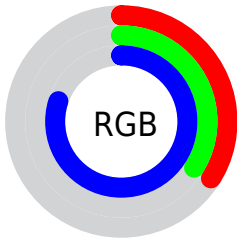
Format	Color
R_{YB}	86, 87, 205
Decimal	5658573
CIE _{Lab}	43.07, 33.94, -61.53
CIE _{LCh}	43, 70.267, 298.880
Yxy	13.2026, 0.2011, 0.1454
Android (android.graphics.Color)	4283848653 (0xFF5657CD)
YUV	100.1530, 51.6896, -12.4122
Hunter-Lab	36.3354, 26.1430, -71.3982

Details

The Hex color **5657CD** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **CDCC56**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9189FF**, and **002A96** is the 20% darker color. If you saturate the color by 10%, you get **4243CD**, and if you desaturate by 10%, it is **6B6BCD**.

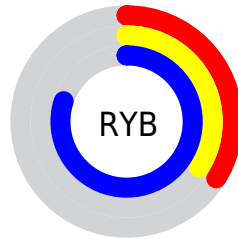
Distribution



Red (34%)

Green (34%)

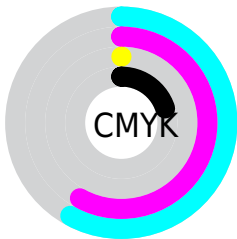
Blue (80%)



Red (34%)

Yellow (34%)

Blue (80%)

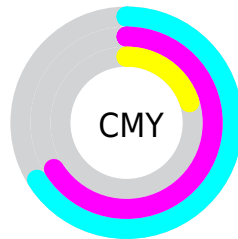


Cyan (58%)

Magenta (58%)

Yellow (0%)

Black (20%)



Cyan (66%)

Magenta (66%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5657CD 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 5657CD by changing the saturation by 10% instead.

 5657CD

 5657CD

FFFFFF

 3540B1

 9189FF

 002A96

 AFA3FF

 00157B

 CCBEFF

 000062

 EADAFF

 000549

 FFF7FF

 000431

 00011B

 000000

 5657CD

 5657CD

■ 4243CD

■ 6B6BCD

■ 2D2ECD

■ 7F80CD

■ 191ACD

■ 9494CD

■ 0406CD

■ A8A8CD

■ 0002CD

■ BDBDCD

■ D1D1CD

■ E6E5CD

■ FAFACD

■ FFFFCD

Harmonies

Analogous

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



006EDC



5657CD



A733A3

Triad

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



5657CD



A94900



007E62

Complementary

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



5657CD



CDCC56

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.



007A23



5657CD



7E6300

Square

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



5657CD



C42332



447200



007E9D

Rectangle

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



5657CD



C0147E



447200



007D4D

Sweetspot

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



5657CD



D4D4FF



56CDCB



666680



000000



808080

Same Dimension

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



5657CD



4D4EFF



9056CD



5C5C66



0001A6



000026

Inverse Universe

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



CD5657



FF4D4E



93CD56



665C5C



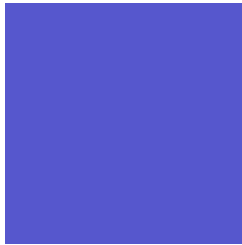
A60001



260000

Previews

White Background



This preview shows how the Hex color 5657CD looks on a white background.

Color Contrast Check

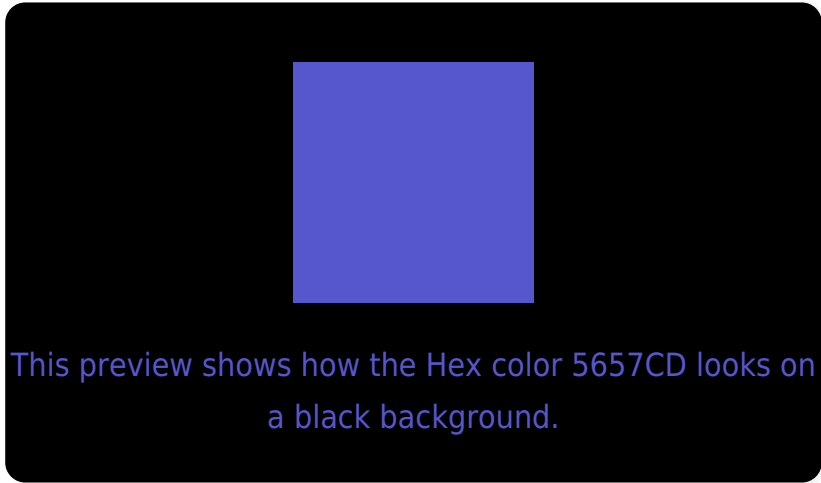
Large Text (above 18pt) WCAG AA ✓ Pass

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

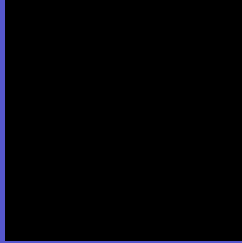
Any Text WCAG AA × Fail

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 5657CD Background



This preview shows how black text looks on a background with the Hex color 5657CD.



This preview shows how white text looks on a background with the Hex color 5657CD.

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](#).

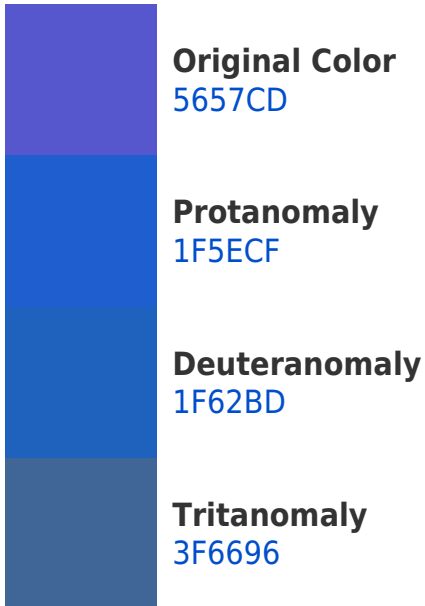
Dichromacy



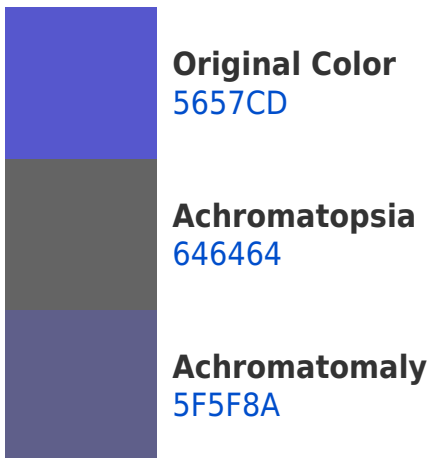


Tritanopia
326E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5657CD 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 #5657CD looks like.

```
.text, #text, p{  
    color:#5657CD  
}
```

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 #5657CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5657CD
}
```

Border

The CSS property to change the border of an element to Hex 5657CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

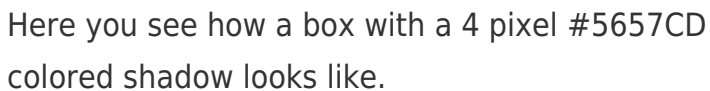
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5657CD }
```

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

```
.border{ border-color:#5657CD }
```

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



Here you see how a box with a 4 pixel #5657CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5657CD; -webkit-box-shadow:4px 4px  
4px 4px #5657CD; box-shadow:4px 4px 4px  
4px #5657CD }
```

Background

The CSS property to change the background color of an element to Hex 5657CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5657CD }
```

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

```
.background{ background-color:#5657CD }
```

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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