

Converting Colors

Hex(5D5DC6)

Have a look what the booklet for
Hex(5D5DC6) contains.

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Color

Hex(5D5DC6)

Conversions

Conversions Part 1

Format	Color
Hex	5D5DC6
RGB	93, 93, 198
RGB Percent	36%, 36%, 78%
CMY	0.6353, 0.6353, 0.2235
CMYK	0.53, 0.53, 0.00, 0.22
HSL	240°, 48%, 57%
HSV	240°, 53%, 78%
XYZ	18.6216, 14.2331, 55.1919
YIQ	104.9700, -33.7050, 32.6550

Conversions

Conversions Part 2

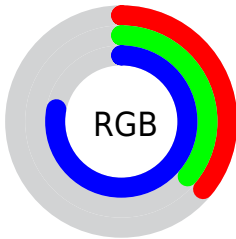
Format	Color
R_{YB}	93, 93, 198
Decimal	6118854
CIE _{Lab}	44.57, 29.34, -55.04
CIE _{LCh}	45, 62.375, 298.061
Yxy	14.2331, 0.2115, 0.1617
Android (android.graphics.Color)	4284308934 (0xFF5D5DC6)
YUV	104.9700, 45.8638, -10.4977
Hunter-Lab	37.7267, 22.0842, -60.3288

Details

The Hex color **5D5DC6** 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 **C6C65D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **968FFF**, and **1C2F8F** is the 20% darker color. If you saturate the color by 10%, you get **4949C6**, and if you desaturate by 10%, it is **7171C6**.

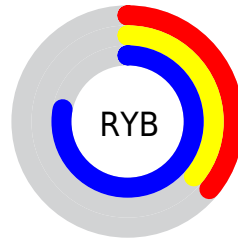
Distribution



Red (36%)

Green (36%)

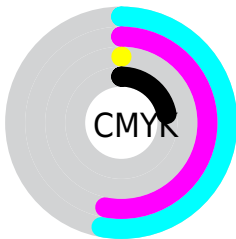
Blue (78%)



Red (36%)

Yellow (36%)

Blue (78%)

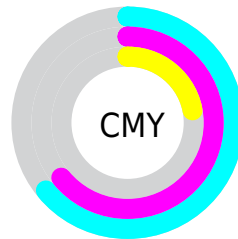


Cyan (53%)

Magenta (53%)

Yellow (0%)

Black (22%)



Cyan (64%)

Magenta (64%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5DC6 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 5D5DC6 by changing the saturation by 10% instead.

■ 5D5DC6

■ 5D5DC6

FFFFFF

■ 3F45AA

■ 968FFF

■ 1C2F8F

■ B3AAFF

■ 001A75

■ D0C5FF

■ 00055C

■ EEE1FF

■ 000343

FFFEFF

■ 00032C

■ 000116

■ 000000

■ 5D5DC6

■ 5D5DC6

■ 4949C6

■ 7171C6

■ 3535C6

■ 8585C6

■ 2222C6

■ 9898C6

■ 0E0EC6

■ ACACC6

■ 0000C6

■ C0C0C6

■ D4D4C6

■ E8E8C6

■ FBFBC6

■ FFFFC6

Harmonies

Analogous

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



0071D2



5D5DC6



A341A1

Triad

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



5D5DC6



A95005



008064

Complementary

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



5D5DC6



C6C65D

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.



007C2E



5D5DC6



836600

Square

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



5D5DC6



C1363C



507400



008099

Rectangle

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



5D5DC6



BB3080



507400



007F52

Sweetspot

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



5D5DC6



D6D6FF



5DC6C6



676780



000000



808080

Same Dimension

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



5D5DC6



5C5CFF



925DC6



5A5A63



0000A3



000024

Inverse Universe

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



C65DC6



FF5CFF



92C65D



635A63



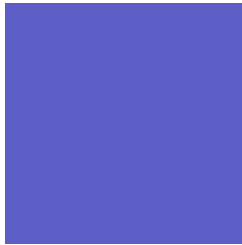
A300A3



240024

Previews

White Background



This preview shows how the Hex color 5D5DC6 looks on a white background.

Color Contrast Check

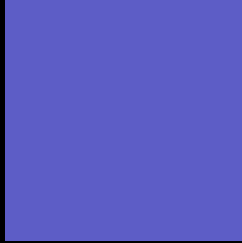
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5D5DC6 looks on a 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 5D5DC6 Background



This preview shows how black text looks on a background with the Hex color 5D5DC6.



This preview shows how white text looks on a background with the Hex color 5D5DC6.

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](#).

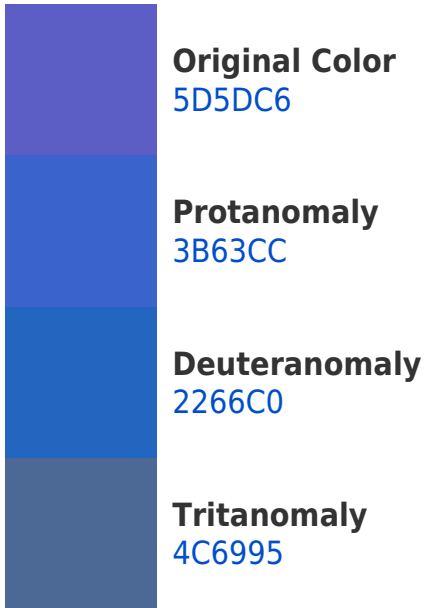
Dichromacy





Tritanopia
437079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5DC6 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 #5D5DC6 looks like.

```
.text, #text, p{  
    color:#5D5DC6  
}
```

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 #5D5DC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5DC6
}
```

Border

The CSS property to change the border of an element to Hex 5D5DC6 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
#5D5DC6 }
```

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

```
.border{ border-color:#5D5DC6 }
```

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

Here you see how a box with a 4 pixel #5D5DC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5DC6; -webkit-box-shadow:4px 4px  
4px 4px #5D5DC6; box-shadow:4px 4px 4px  
4px #5D5DC6 }
```

Background

The CSS property to change the background color of an element to Hex 5D5DC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5DC6 }
```

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

```
.background{ background-color:#5D5DC6 }
```

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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