

Converting Colors

Hex(5E7DD3)

Have a look what the booklet for
Hex(5E7DD3) contains.

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Color

Hex(5E7DD3)

Conversions

Conversions Part 1

Format	Color
Hex	5E7DD3
RGB	94, 125, 211
RGB Percent	37%, 49%, 83%
CMY	0.6314, 0.5098, 0.1725
CMYK	0.55, 0.41, 0.00, 0.17
HSL	224°, 57%, 60%
HSV	224°, 55%, 83%
XYZ	23.7076, 21.7501, 64.5767
YIQ	125.5350, -46.0820, 20.1740

Conversions

Conversions Part 2

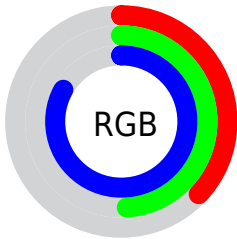
Format	Color
R_{YB}	94, 119, 211
Decimal	6192595
CIE _{Lab}	53.76, 14.05, -47.76
CIE _{LCh}	54, 49.782, 286.391
Yxy	21.7501, 0.2155, 0.1977
Android (android.graphics.Color)	4284382675 (0xFF5E7DD3)
YUV	125.5350, 42.1342, -27.6562
Hunter-Lab	46.6370, 9.1246, -49.4510

Details

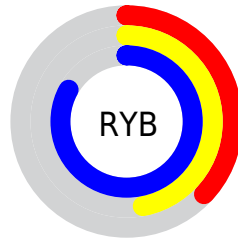
The Hex color **5E7DD3** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **D3B45E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **98B1FF**, and **1B4D9C** is the 20% darker color. If you saturate the color by 10%, you get **496DD3**, and if you desaturate by 10%, it is **738DD3**.

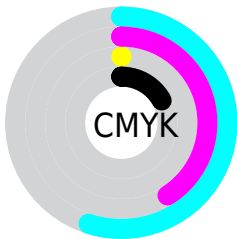
Distribution



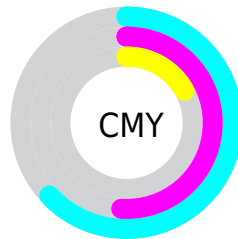
- Red (37%)
- Green (49%)
- Blue (83%)



- Red (37%)
- Yellow (47%)
- Blue (83%)



- Cyan (55%)
- Magenta (41%)
- Yellow (0%)
- Black (17%)



- Cyan (63%)
- Magenta (51%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E7DD3 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 5E7DD3 by changing the saturation by 10% instead.

■ 5E7DD3

■ 5E7DD3

FFFFFF

■ 4064B7

■ 98B1FF

■ 1B4D9C

■ B5CDFF

■ 003681

■ D2E9FF

■ 002268

■ EFFFFFF

■ 000C4F

■ 000537

■ 000221

■ 000006

■ 000000

■ 5E7DD3

■ 5E7DD3

■ 496DD3

■ 738DD3

■ 345ED3

■ 889CD3

■ 1F4ED3

■ 9DACD3

■ 0A3FD3

■ B2BBD3

■ 0038D3

■ C8CBD3

■ DDDAD3

■ F2EAD3

■ FFF9D3

■ FFFFD3

Harmonies

Analogous

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



008BD4



5E7DD3



A16BBC

Triad

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



5E7DD3



C46744



00946B

Complementary

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



5E7DD3



D3B45E

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.



508F42



5E7DD3



A87729

Square

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



5E7DD3



CF5A6B



818627



009597

Rectangle

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



5E7DD3



BC60A4



818627



12935C

Sweetspot

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



5E7DD3



D4DFFF



5ED3B4



666D80



000000



808080

Same Dimension

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



5E7DD3



5481FF



795ED3



5E6169



002DA8



000B29

Inverse Universe

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



D35E7D



FF5481



B8D35E



695E61



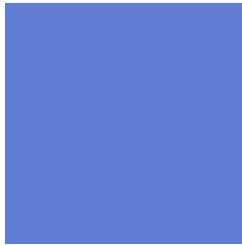
A8002D



29000B

Previews

White Background



This preview shows how the Hex color 5E7DD3 looks on a white background.

Color Contrast Check

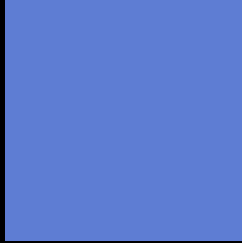
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5E7DD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

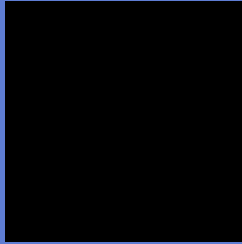
Any Text WCAG AA ✓ Pass

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 5E7DD3 Background



This preview shows how black text looks on a background with the Hex color 5E7DD3.

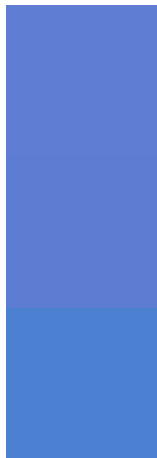


This preview shows how white text looks on a background with the Hex color 5E7DD3.

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



Original Color
5E7DD3

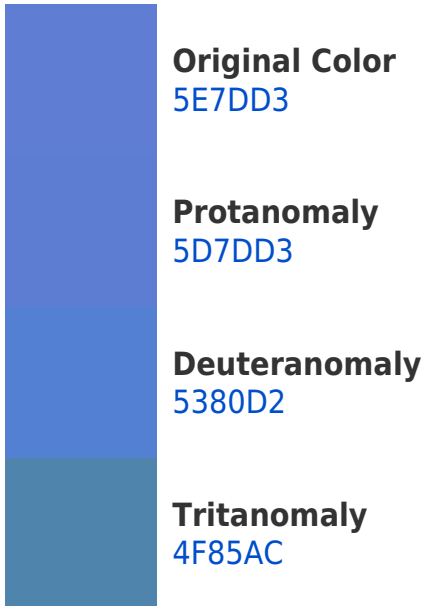
Protanopia
5D7DD3

Deuteranopia
4C81D2



Tritanopia
478A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E7DD3 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 #5E7DD3 looks like.

```
.text, #text, p{  
    color:#5E7DD3  
}
```

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 #5E7DD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7DD3
}
```

Border

The CSS property to change the border of an element to Hex 5E7DD3 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
#5E7DD3 }
```

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

```
.border{ border-color:#5E7DD3 }
```

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

Here you see how a box with a 4 pixel #5E7DD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7DD3; -webkit-box-shadow:4px 4px  
4px 4px #5E7DD3; box-shadow:4px 4px 4px  
4px #5E7DD3 }
```

Background

The CSS property to change the background color of an element to Hex 5E7DD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7DD3 }
```

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

```
.background{ background-color:#5E7DD3 }
```

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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