

Converting Colors

Hex(5E7DB9)

Have a look what the booklet for
Hex(5E7DB9) contains.

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Color

Hex(5E7DB9)

Conversions

Conversions Part 1

Format	Color
Hex	5E7DB9
RGB	94, 125, 185
RGB Percent	37%, 49%, 73%
CMY	0.6314, 0.5098, 0.2745
CMYK	0.49, 0.32, 0.00, 0.27
HSL	220°, 39%, 55%
HSV	220°, 49%, 73%
XYZ	20.7067, 20.5497, 48.7741
YIQ	122.5710, -37.7360, 12.0880

Conversions

Conversions Part 2

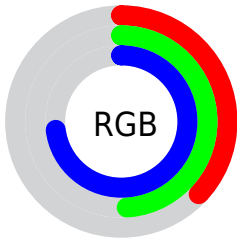
Format	Color
R _Y B	94, 117, 185
Decimal	6192569
CIE Lab	52.45, 5.80, -35.01
CIE LCh	52, 35.484, 279.409
Yxy	20.5497, 0.2300, 0.2283
Android (android.graphics.Color)	4284382649 (0xFF5E7DB9)
YUV	122.5710, 30.7775, -25.0568
Hunter-Lab	45.3318, 2.2047, -32.0600

Details

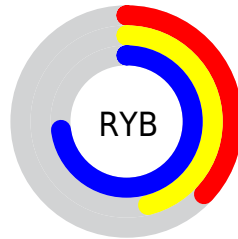
The Hex color **5E7DB9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B99A5E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **95B1F1**, and **254D84** is the 20% darker color. If you saturate the color by 10%, you get **4C71B9**, and if you desaturate by 10%, it is **7189B9**.

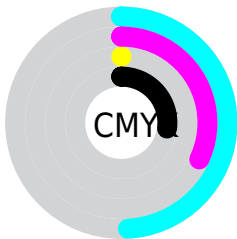
Distribution



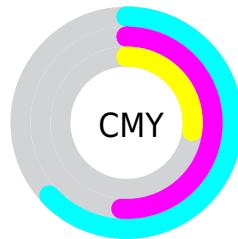
- Red (37%)
- Green (49%)
- Blue (73%)



- Red (37%)
- Yellow (46%)
- Blue (73%)



- Cyan (49%)
- Magenta (32%)
- Yellow (0%)
- Black (27%)



- Cyan (63%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E7DB9 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 5E7DB9 by changing the saturation by 10% instead.

■ 5E7DB9

■ 5E7DB9

FFFFFF

■ 43649E

■ 95B1F1

■ 254D84

■ B1CDFF

■ 00366A

■ CDE9FF

■ 002152

■ EAFFFF

■ 000A3A

■ 000224

■ 00000C

■ 000000

■ 5E7DB9

■ 5E7DB9

■ 4C71B9

■ 7189B9

■ 3965B9

■ 8395B9

■ 2758B9

■ 96A2B9

■ 144CB9

■ A8AEB9

■ 0140B9

■ BBBAB9

■ 003FB9

■ CDC6B9

■ E0D2B9

■ F2DFB9

■ FFEBB9

Harmonies

Analogous

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



1086B6



5E7DB9



8D72AC

Triad

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



5E7DB9



B36A58



3D8B67

Complementary

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



5E7DB9



B99A5E

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.



66874D



5E7DB9



A27444

Square

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



5E7DB9



B76475



877E40



008D86

Rectangle

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



5E7DB9



A26A9D



877E40



4C8A5D

Sweetspot

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



5E7DB9



CCD8F0



5EB999



626A78



F7F7F7



787878

Same Dimension

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



5E7DB9



6292F0



6C5EB9



53565C



00359C



000A1C

Inverse Universe

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



B95E7D



F06292



ABB95E



5C5356



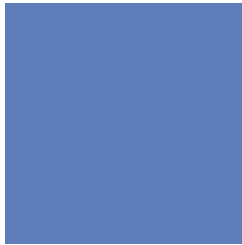
9C0035



1C000A

Previews

White Background



This preview shows how the Hex color 5E7DB9 looks on a white background.

Color Contrast Check

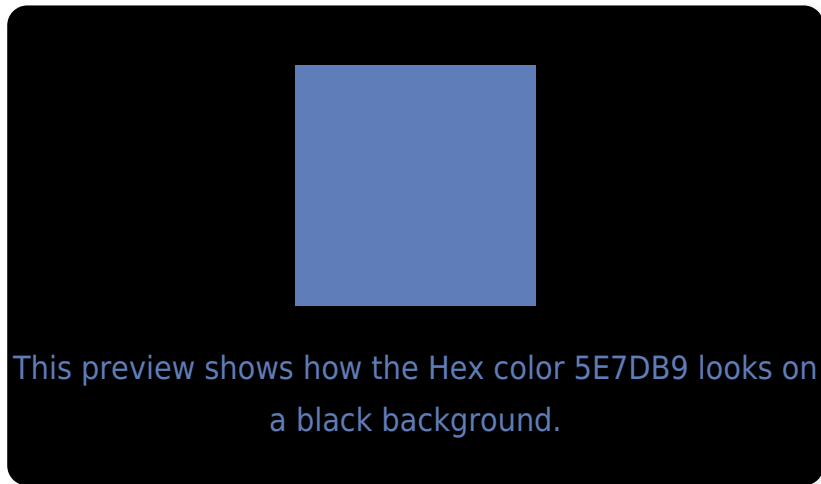
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

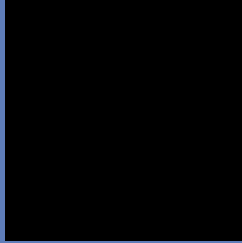
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

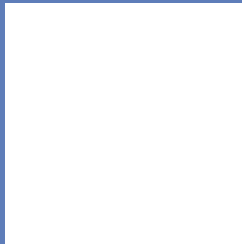
Any Text WCAG AAA × Fail

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

Hex 5E7DB9 Background



This preview shows how black text looks on a background with the Hex color 5E7DB9.

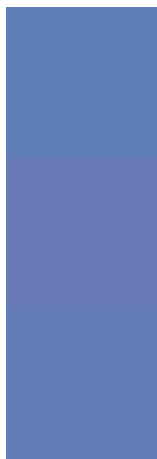


This preview shows how white text looks on a background with the Hex color 5E7DB9.

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
5E7DB9

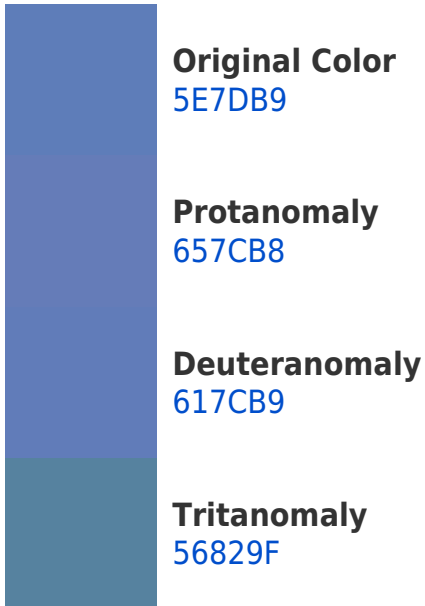
Protanopia
697BB7

Deuteranopia
627CB9



Tritanopia
518590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E7DB9 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 #5E7DB9 looks like.

```
.text, #text, p{  
    color:#5E7DB9  
}
```

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 #5E7DB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7DB9
}
```

Border

The CSS property to change the border of an element to Hex 5E7DB9 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
#5E7DB9 }
```

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

```
.border{ border-color:#5E7DB9 }
```

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

Here you see how a box with a 4 pixel #5E7DB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7DB9; -webkit-box-shadow:4px 4px  
4px 4px #5E7DB9; box-shadow:4px 4px 4px  
4px #5E7DB9 }
```

Background

The CSS property to change the background color of an element to Hex 5E7DB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7DB9 }
```

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

```
.background{ background-color:#5E7DB9 }
```

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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