

Converting Colors

Hex(5E57E1)

Have a look what the booklet for
Hex(5E57E1) contains.

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Color

Hex(5E57E1)

Conversions

Conversions Part 1

Format	Color
Hex	5E57E1
RGB	94, 87, 225
RGB Percent	37%, 34%, 88%
CMY	0.6314, 0.6588, 0.1176
CMYK	0.58, 0.61, 0.00, 0.12
HSL	243°, 70%, 61%
HSV	243°, 61%, 88%
XYZ	21.6149, 14.6323, 72.9193
YIQ	104.8250, -40.1260, 44.4020

Conversions

Conversions Part 2

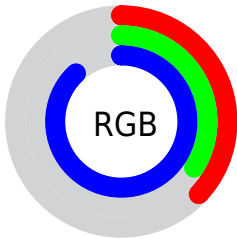
Format	Color
R_{YB}	94, 87, 225
Decimal	6182881
CIE _{Lab}	45.13, 41.72, -69.59
CIE _{LCh}	45, 81.137, 300.941
Yxy	14.6323, 0.1980, 0.1340
Android (android.graphics.Color)	4284372961 (0xFF5E57E1)
YUV	104.8250, 59.2463, -9.4935
Hunter-Lab	38.2522, 33.9223, -86.2465

Details

The Hex color **5E57E1** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **DAE157**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9B89FF**, and **0729A9** is the 20% darker color. If you saturate the color by 10%, you get **4941E1**, and if you desaturate by 10%, it is **736EE1**.

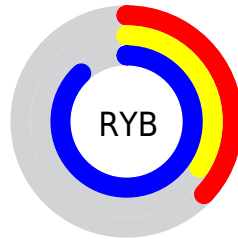
Distribution



Red (37%)

Green (34%)

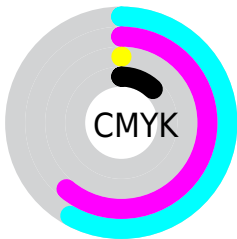
Blue (88%)



Red (37%)

Yellow (34%)

Blue (88%)

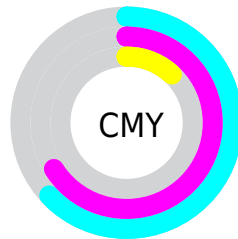


Cyan (58%)

Magenta (61%)

Yellow (0%)

Black (12%)



Cyan (63%)

Magenta (66%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E57E1 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 5E57E1 by changing the saturation by 10% instead.

■ 5E57E1

■ 5E57E1

FFFFFF

■ 3C3FC4

■ 9B89FF

■ 0729A9

■ B9A4FF

■ 00138D

■ D7BFFF

■ 000073

■ F6DBFF

■ 000059

■ FFF8FF

■ 000741

■ 00032A

■ 000114

■ 000000

■ 5E57E1

■ 5E57E1

■ 4941E1

■ 736EE1

■ 332AE1

■ 8984E1

■ 1E14E1

■ 9E9BE1

■ 0B00E1

■ B3B1E1

■ C9C8E1

■ DEDEE1

■ F4F4E1

■ FFFFE1

Harmonies

Analogous

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



0074F5



5E57E1



BA22AE

Triad

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



5E57E1



B44B00



00866B

Complementary

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



5E57E1



DAE157

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.



008220



5E57E1



816900

Square

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



5E57E1



D50C2A



397A00



0086AF

Rectangle

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



5E57E1



D50082



397A00



008553

Sweetspot

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



5E57E1



D3D1FF



57DAE1



656380



000000



808080

Same Dimension

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



5E57E1



4C42FF



A357E1



666570



0900B0



020030

Inverse Universe

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



E157DA



FF42F5



95E157



706570



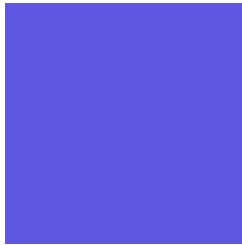
B000A7



30002E

Previews

White Background



This preview shows how the Hex color 5E57E1 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

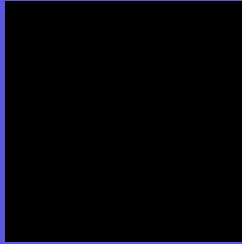
Any Text WCAG AA × Fail

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 5E57E1 Background



This preview shows how black text looks on a background with the Hex color 5E57E1.

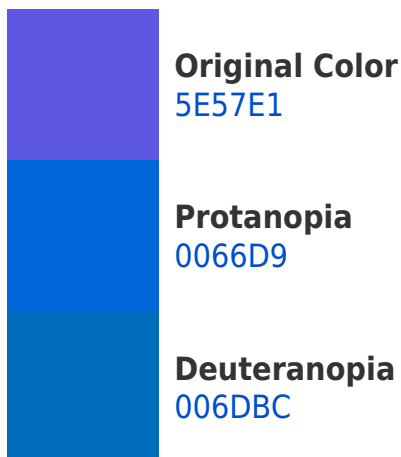


This preview shows how white text looks on a background with the Hex color 5E57E1.

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](#).

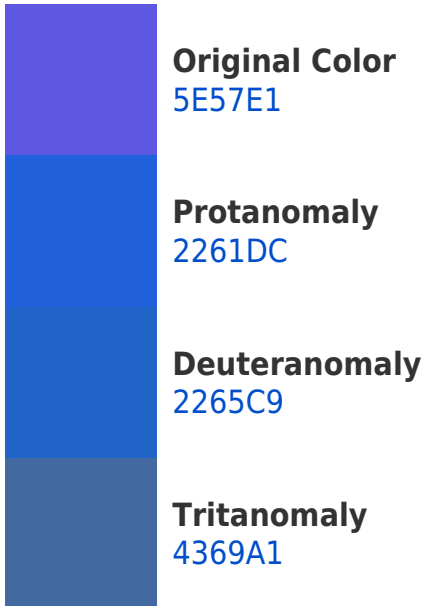
Dichromacy





Tritanopia
34737D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E57E1 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 #5E57E1 looks like.

```
.text, #text, p{  
    color:#5E57E1  
}
```

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 #5E57E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E57E1
}
```

Border

The CSS property to change the border of an element to Hex 5E57E1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

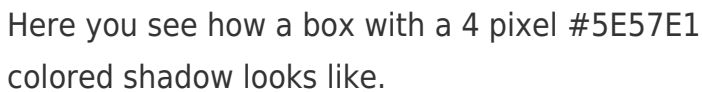
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E57E1 }
```

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

```
.border{ border-color:#5E57E1 }
```

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



Here you see how a box with a 4 pixel #5E57E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E57E1; -webkit-box-shadow:4px 4px  
4px 4px #5E57E1; box-shadow:4px 4px 4px  
4px #5E57E1 }
```

Background

The CSS property to change the background color of an element to Hex 5E57E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E57E1 }
```

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

```
.background{ background-color:#5E57E1 }
```

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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