

Converting Colors

Hex(5E4CB0)

Have a look what the booklet for
Hex(5E4CB0) contains.

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Color

Hex(5E4CB0)

Conversions

Conversions Part 1

Format	Color
Hex	5E4CB0
RGB	94, 76, 176
RGB Percent	37%, 30%, 69%
CMY	0.6314, 0.7020, 0.3098
CMYK	0.47, 0.57, 0.00, 0.31
HSL	251°, 40%, 49%
HSV	251°, 57%, 69%
XYZ	15.0370, 10.6832, 42.3438
YIQ	92.7820, -21.3720, 34.9160

Conversions

Conversions Part 2

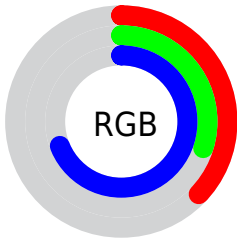
Format	Color
R_{YB}	94, 76, 176
Decimal	6180016
CIE _{Lab}	39.04, 33.18, -51.09
CIE _{LCh}	39, 60.912, 303.000
Yxy	10.6832, 0.2209, 0.1570
Android (android.graphics.Color)	4284370096 (0xFF5E4CB0)
YUV	92.7820, 41.0265, 1.0682
Hunter-Lab	32.6851, 24.9213, -53.9311

Details

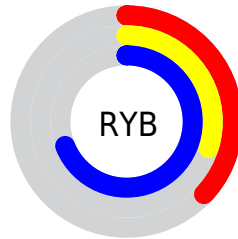
The Hex color **5E4CB0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9EB04C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **957EE8**, and **241F7B** is the 20% darker color. If you saturate the color by 10%, you get **503AB0**, and if you desaturate by 10%, it is **6C5EB0**.

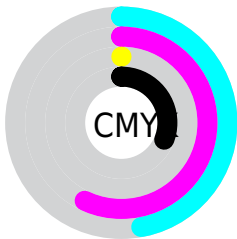
Distribution



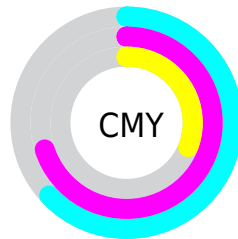
- Red (37%)
- Green (30%)
- Blue (69%)



- Red (37%)
- Yellow (30%)
- Blue (69%)



- Cyan (47%)
- Magenta (57%)
- Yellow (0%)
- Black (31%)



- Cyan (63%)
- Magenta (70%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4CB0 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 5E4CB0 by changing the saturation by 10% instead.

■ 5E4CB0

■ 5E4CB0

FFFFFF

■ 423595

■ 957EE8

■ 241F7B

■ B298FF

■ 000A61

■ CEB3FF

■ 000049

■ ECCEFF

■ 000431

■ FFEAFF

■ 00011B

■ 000000

■ 5E4CB0

■ 5E4CB0

■ 503AB0

■ 6C5EB0

4129B0

7B6FB0

3317B0

8981B0

2406B0

9892B0

2000B0

A6A4B0

B5B6B0

C3C7B0

D1D9B0

E0EAB0

Harmonies

Analogous

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



0061C0



5E4CB0



9A2F8A

Triad

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



5E4CB0



924700



007160

Complementary

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



5E4CB0



9EB04C

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.



006E2B



5E4CB0



6C5C00

Square

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



5E4CB0



AC2C29



386800



007191

Rectangle

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



5E4CB0



AC1D6A



386800



00704E

Sweetspot

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



5E4CB0



C6BEE6



4C9FB0



605C73



F2F2F2



737373

Same Dimension

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



5E4CB0



6649E6



8F4CB0



525059



1C0099



05001A

Inverse Universe

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



B04C9E



E649C9



6DB04C



595058



99007D



1A0015

Previews

White Background



This preview shows how the Hex color 5E4CB0 looks on a white background.

Color Contrast Check

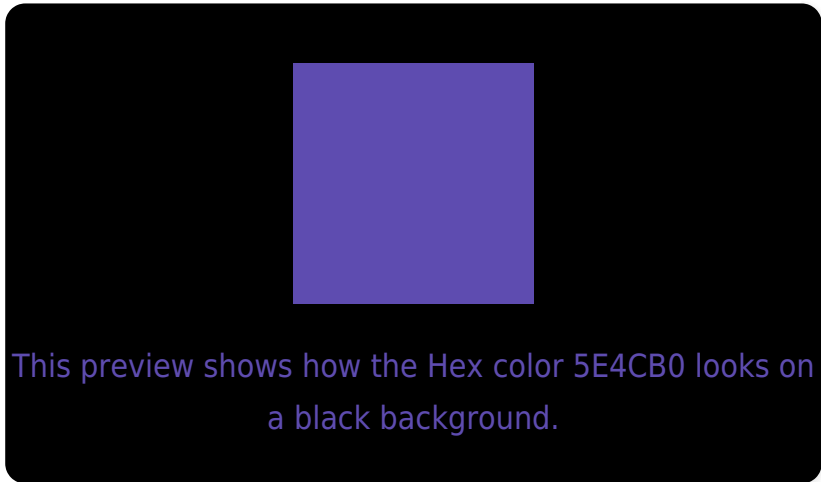
Large Text (above 18pt) WCAG AA ✓ Pass

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

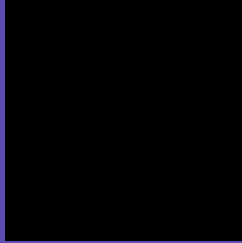
Any Text WCAG AA × Fail

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 5E4CB0 Background



This preview shows how black text looks on a background with the Hex color 5E4CB0.



This preview shows how white text looks on a background with the Hex color 5E4CB0.

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](#).

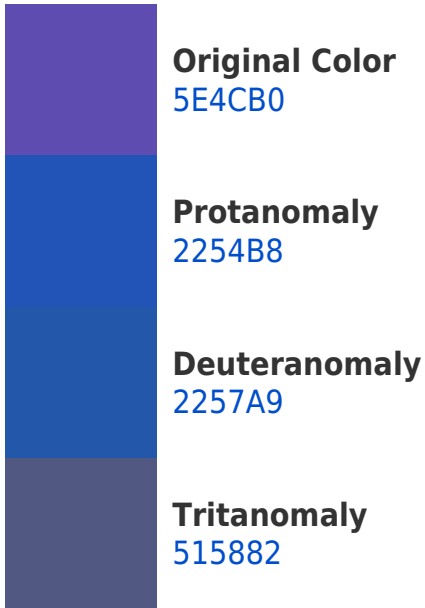
Dichromacy



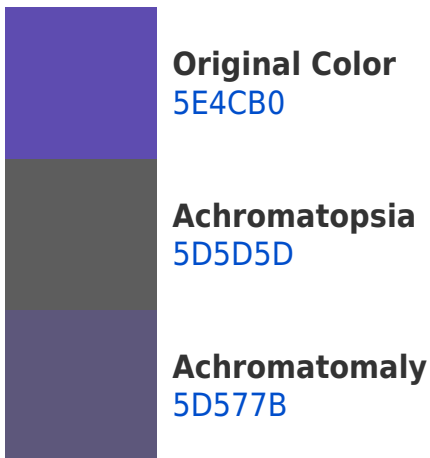


Tritanopia
4A5F67

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4CB0 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 #5E4CB0 looks like.

```
.text, #text, p{  
    color:#5E4CB0  
}
```

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 #5E4CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4CB0
}
```

Border

The CSS property to change the border of an element to Hex 5E4CB0 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".

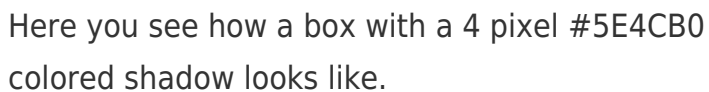
```
.border, #border, table{ border:4px solid
#5E4CB0 }
```

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

```
.border{ border-color:#5E4CB0 }
```

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

Here you see how a box with a 4 pixel #5E4CB0 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4CB0; -webkit-box-shadow:4px 4px  
4px 4px #5E4CB0; box-shadow:4px 4px 4px  
4px #5E4CB0 }
```

Background

The CSS property to change the background color of an element to Hex 5E4CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4CB0 }
```

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

```
.background{ background-color:#5E4CB0 }
```

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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