

Converting Colors

Hex(5C85E2)

Have a look what the booklet for
Hex(5C85E2) contains.

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Color

Hex(5C85E2)

Conversions

Conversions Part 1

Format	Color
Hex	5C85E2
RGB	92, 133, 226
RGB Percent	36%, 52%, 89%
CMY	0.6392, 0.4784, 0.1137
CMYK	0.59, 0.41, 0.00, 0.11
HSL	222°, 70%, 62%
HSV	222°, 59%, 89%
XYZ	26.5286, 24.5414, 75.2903
YIQ	131.3430, -54.2890, 20.2310

Conversions

Conversions Part 2

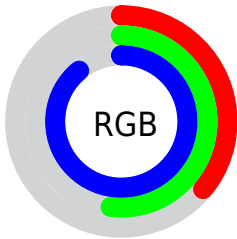
Format	Color
R _Y B	92, 123, 226
Decimal	6063586
CIE Lab	56.63, 13.72, -51.64
CIE LCh	57, 53.431, 284.876
Yxy	24.5414, 0.2099, 0.1942
Android (android.graphics.Color)	4284253666 (0xFF5C85E2)
YUV	131.3430, 46.6659, -34.5038
Hunter-Lab	49.5392, 8.8944, -55.4321

Details

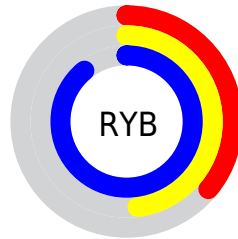
The Hex color **5C85E2** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **E2B95C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **98BAFF**, and **0C54AA** is the 20% darker color. If you saturate the color by 10%, you get **4575E2**, and if you desaturate by 10%, it is **7395E2**.

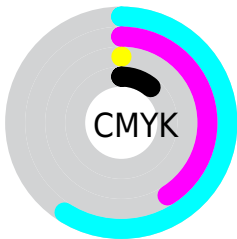
Distribution



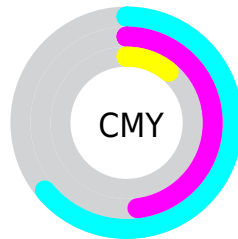
- Red (36%)
- Green (52%)
- Blue (89%)



- Red (36%)
- Yellow (48%)
- Blue (89%)



- Cyan (59%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (64%)
- Magenta (48%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C85E2 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 5C85E2 by changing the saturation by 10% instead.

■ 5C85E2

■ 5C85E2

FFFFFF

■ 3C6CC6

■ 98BAFF

■ 0C54AA

■ B5D5FF

■ 003E8F

■ D3F2FF

■ 002975

■ F1FFFF

■ 00165C

■ 000743

■ 00032C

■ 000117

■ 000000

■ 5C85E2

■ 5C85E2

■ 4575E2

■ 7395E2

■ 2F66E2

■ 89A4E2

■ 1856E2

■ A0B4E2

■ 0246E2

■ B6C4E2

■ 0045E2

■ CDD3E2

■ E4E3E2

■ FAF3E2

■ FFFFE2

Harmonies

Analogous

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



0094E1



5C85E2



A872CA

Triad

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



5C85E2



D26B48



009D6E

Complementary

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



5C85E2



E2B95C

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.



559742



5C85E2



B47D29

Square

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



5C85E2



DD5E73



8B8D25



009E9E

Rectangle

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



5C85E2



C665B0



8B8D25



139B5E

Sweetspot

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



5C85E2



D1DFFF



5CE2B8



636C80



000000



808080

Same Dimension

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



5C85E2



4A81FF



755CE2



656870



0036B0



000F30

Inverse Universe

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



E25C85



FF4A81



C9E25C



706568



B00036



30000F

Previews

White Background



This preview shows how the Hex color 5C85E2 looks on a white background.

Color Contrast Check

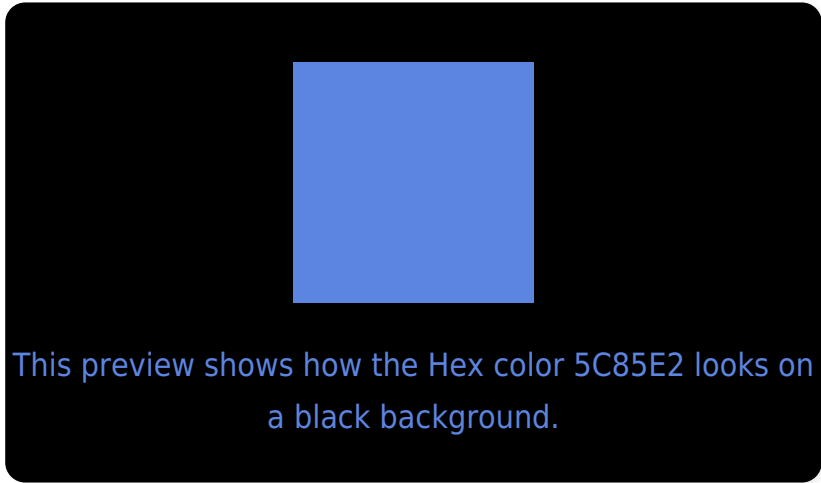
Large Text (above 18pt) WCAG AA ✓ Pass

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

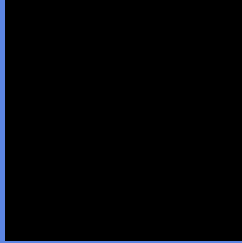
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

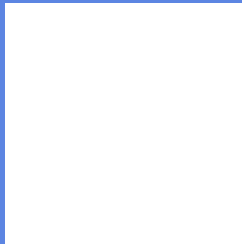
Any Text WCAG AAA × Fail

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

Hex 5C85E2 Background



This preview shows how black text looks on a background with the Hex color 5C85E2.

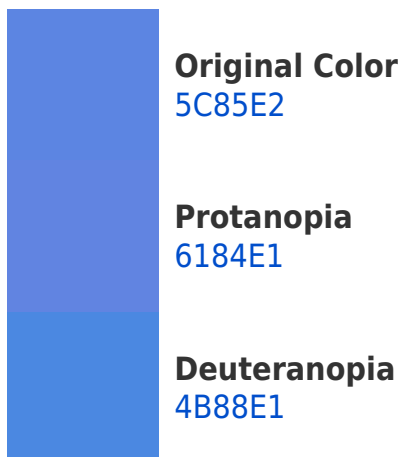


This preview shows how white text looks on a background with the Hex color 5C85E2.

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](#).

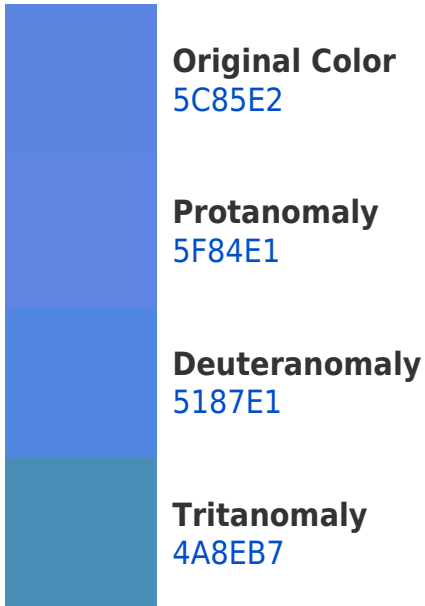
Dichromacy





Tritanopia
3F939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C85E2 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 #5C85E2 looks like.

```
.text, #text, p{  
    color:#5C85E2  
}
```

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 #5C85E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C85E2
}
```

Border

The CSS property to change the border of an element to Hex 5C85E2 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
#5C85E2 }
```

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

```
.border{ border-color:#5C85E2 }
```

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

Here you see how a box with a 4 pixel #5C85E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C85E2; -webkit-box-shadow:4px 4px  
4px 4px #5C85E2; box-shadow:4px 4px 4px  
4px #5C85E2 }
```

Background

The CSS property to change the background color of an element to Hex 5C85E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C85E2 }
```

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

```
.background{ background-color:#5C85E2 }
```

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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