

Converting Colors

Hex(5285ED)

Have a look what the booklet for
Hex(5285ED) contains.

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Color

Hex(5285ED)

Conversions

Conversions Part 1

Format	Color
Hex	5285ED
RGB	82, 133, 237
RGB Percent	32%, 52%, 93%
CMY	0.6784, 0.4784, 0.0706
CMYK	0.65, 0.44, 0.00, 0.07
HSL	220°, 81%, 63%
HSV	220°, 65%, 93%
XYZ	27.1533, 24.6833, 83.4540
YIQ	129.6070, -63.7800, 21.5320

Conversions

Conversions Part 2

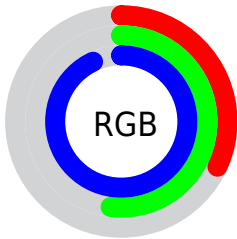
Format	Color
RYB	82, 120, 237
Decimal	5408237
CIELab	56.77, 15.66, -57.57
CIELCh	57, 59.665, 285.216
Yxy	24.6833, 0.2007, 0.1824
Android (android.graphics.Color)	4283598317 (0xFF5285ED)
YUV	129.6070, 52.9447, -41.7513
Hunter-Lab	49.6823, 10.6130, -64.8149

Details

The Hex color **5285ED** 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 **EDBA52**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **91BAFF**, and **0054B4** is the 20% darker color. If you saturate the color by 10%, you get **3A75ED**, and if you desaturate by 10%, it is **6A95ED**.

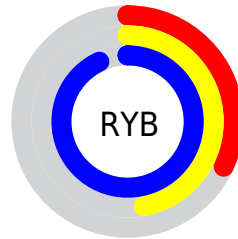
Distribution



Red (32%)

Green (52%)

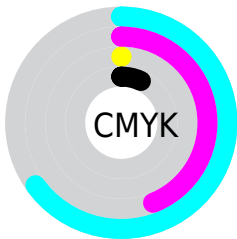
Blue (93%)



Red (32%)

Yellow (47%)

Blue (93%)

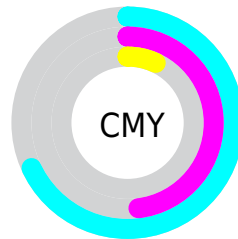


Cyan (65%)

Magenta (44%)

Yellow (0%)

Black (7%)



Cyan (68%)

Magenta (48%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5285ED 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 5285ED by changing the saturation by 10% instead.

■ 5285ED

■ 5285ED

FFFFFF

■ 2C6CD0

■ 91BAFF

■ 0054B4

■ AFD5FF

■ 003E99

■ CEF1FF

■ 00297F

■ ECFFFF

■ 001765

■ 00084C

■ 000534

■ 00021E

■ 000001

■ 5285ED

■ 5285ED

■ 3A75ED

■ 6A95ED

■ 2365ED

■ 81A5ED

■ 0B55ED

■ 99B5ED

■ 004EED

■ B1C5ED

■ C8D5ED

■ E0E4ED

■ F8F4ED

■ FFFFED

Harmonies

Analogous

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



0095ED



5285ED



AC6ED2

Triad

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



5285ED



D96740



009F6C

Complementary

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



5285ED



EDBA52

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.



4C993A



5285ED



B77C19

Square

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



5285ED



E65670



898E12



00A1A2

Rectangle

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



5285ED



CE5FB5



898E12



009E5A

Sweetspot

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



5285ED



CCDDFF



52EDB9



616B80



000000



808080

Same Dimension

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



5285ED



387AFF



6C52ED



6A6D75



003CB5



001236

Inverse Universe

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



ED5285



FF387A



D3ED52



756A6D



B5003C



360012

Previews

White Background



This preview shows how the Hex color 5285ED looks on a white background.

Color Contrast Check

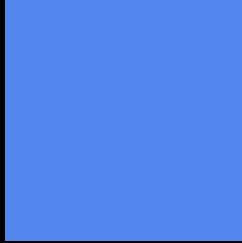
Large Text (above 18pt) WCAG AA ✓ Pass

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 5285ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

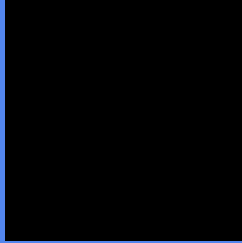
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

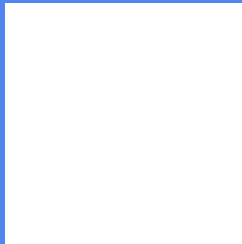
Any Text WCAG AAA × Fail

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

Hex 5285ED Background



This preview shows how black text looks on a background with the Hex color 5285ED.



This preview shows how white text looks on a background with the Hex color 5285ED.

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](#).

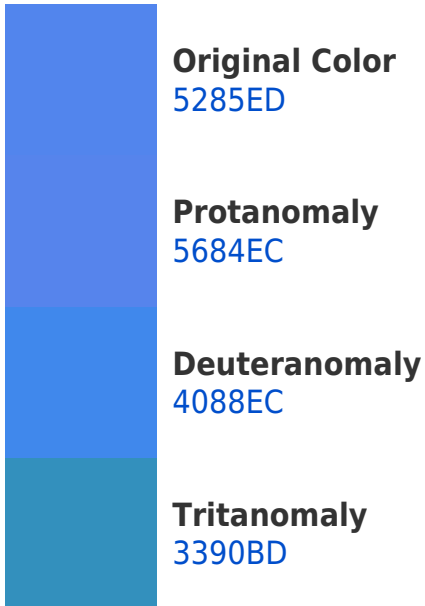
Dichromacy



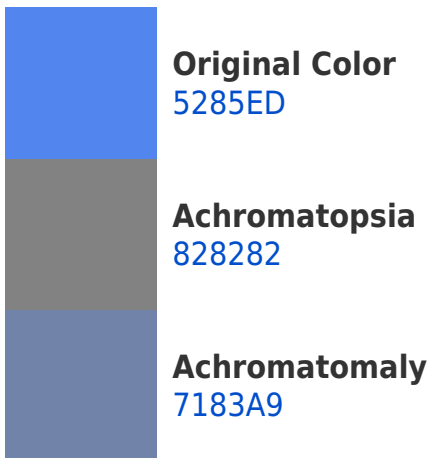


Tritanopia
2296A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5285ED 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 #5285ED looks like.

```
.text, #text, p{  
    color:#5285ED  
}
```

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 #5285ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5285ED
}
```

Border

The CSS property to change the border of an element to Hex 5285ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

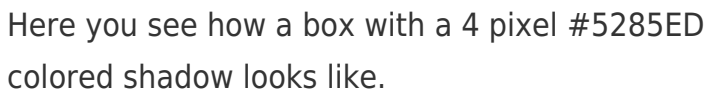
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5285ED }
```

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

```
.border{ border-color:#5285ED }
```

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



Here you see how a box with a 4 pixel #5285ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5285ED; -webkit-box-shadow:4px 4px  
4px 4px #5285ED; box-shadow:4px 4px 4px  
4px #5285ED }
```

Background

The CSS property to change the background color of an element to Hex 5285ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5285ED }
```

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

```
.background{ background-color:#5285ED }
```

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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