

Converting Colors

Hex(4D85ED)

Have a look what the booklet for
Hex(4D85ED) contains.

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Color

Hex(4D85ED)

Conversions

Conversions Part 1

Format	Color
Hex	4D85ED
RGB	77, 133, 237
RGB Percent	30%, 52%, 93%
CMY	0.6980, 0.4784, 0.0706
CMYK	0.68, 0.44, 0.00, 0.07
HSL	219°, 82%, 62%
HSV	219°, 68%, 93%
XYZ	26.7342, 24.4673, 83.4344
YIQ	128.1120, -66.7600, 20.4720

Conversions

Conversions Part 2

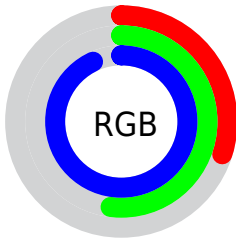
Format	Color
RYB	77, 118, 237
Decimal	5080557
CIELab	56.55, 14.87, -57.93
CIElCh	57, 59.806, 284.402
Yxy	24.4673, 0.1986, 0.1817
Android (android.graphics.Color)	4283270637 (0xFF4D85ED)
YUV	128.1120, 53.6818, -44.8252
Hunter-Lab	49.4644, 9.9117, -65.3827

Details

The Hex color **4D85ED** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **EDB54D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8DBAFF**, and **0054B4** is the 20% darker color. If you saturate the color by 10%, you get **3576ED**, and if you desaturate by 10%, it is **6594ED**.

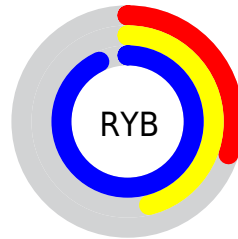
Distribution



Red (30%)

Green (52%)

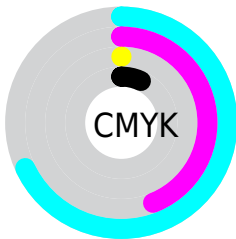
Blue (93%)



Red (30%)

Yellow (46%)

Blue (93%)

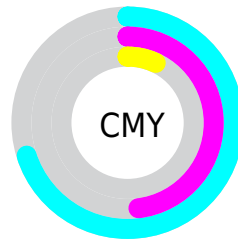


Cyan (68%)

Magenta (44%)

Yellow (0%)

Black (7%)



Cyan (70%)

Magenta (48%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D85ED 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 4D85ED by changing the saturation by 10% instead.

■ 4D85ED

■ 4D85ED

FFFFFF

■ 236CD0

■ 8DBAFF

■ 0054B4

■ ACD5FF

■ 003E99

■ CAF1FF

■ 00297F

■ E8FFFF

■ 001765

■ 00094C

■ 000534

■ 00021E

■ 000001

■ 4D85ED

■ 4D85ED

■ 3576ED

■ 6594ED

■ 1E66ED

■ 7CA4ED

■ 0657ED

■ 94B3ED

■ 0053ED

■ ACC3ED

■ C3D2ED

■ DBE1ED

■ F3F1ED

■ FFFFED

Harmonies

Analogous

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



0095EC



4D85ED



AA6ED3

Triad

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



4D85ED



D96541



009E6A

Complementary

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



4D85ED



EDB54D

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.



4E9838



4D85ED



B87B18

Square

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



4D85ED



E65571



8A8D0F



00A0A0

Rectangle

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



4D85ED



CC5FB6



8A8D0F



009D58

Sweetspot

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



4D85ED



CCDEFF



4DEDB5



616C80



000000



808080

Same Dimension

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



4D85ED



3079FF



654DED



6A6E75



003FB5



001336

Inverse Universe

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



ED4D85



FF3079



D5ED4D



756A6E



B5003F



360013

Previews

White Background



This preview shows how the Hex color 4D85ED looks on a white background.

Color Contrast Check

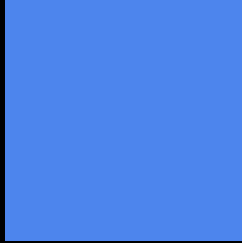
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D85ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

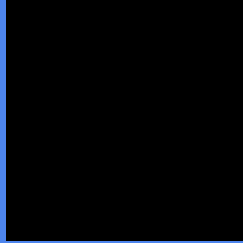
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

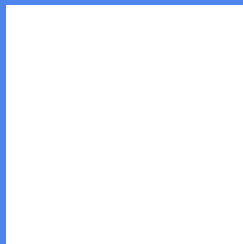
Any Text WCAG AAA × Fail

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

Hex 4D85ED Background



This preview shows how black text looks on a background with the Hex color 4D85ED.



This preview shows how white text looks on a background with the Hex color 4D85ED.

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](#).

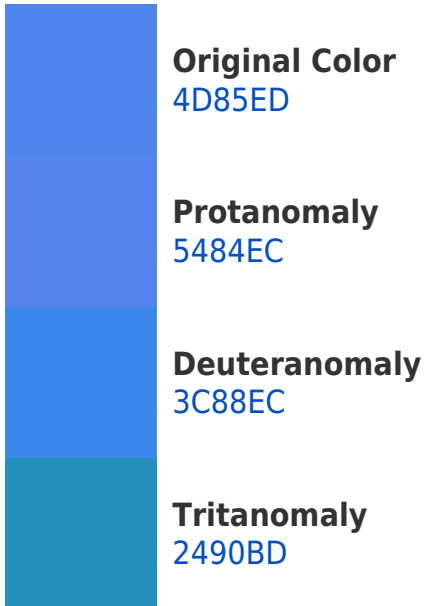
Dichromacy



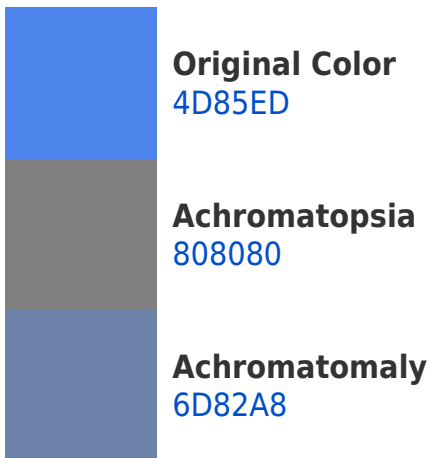


Tritanopia
0C96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D85ED 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 #4D85ED looks like.

```
.text, #text, p{  
    color:#4D85ED  
}
```

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 #4D85ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D85ED
}
```

Border

The CSS property to change the border of an element to Hex 4D85ED 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
#4D85ED }
```

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

```
.border{ border-color:#4D85ED }
```

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

Here you see how a box with a 4 pixel #4D85ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D85ED; -webkit-box-shadow:4px 4px  
4px 4px #4D85ED; box-shadow:4px 4px 4px  
4px #4D85ED }
```

Background

The CSS property to change the background color of an element to Hex 4D85ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D85ED }
```

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

```
.background{ background-color:#4D85ED }
```

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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