

Converting Colors

Hex(4F81DE)

Have a look what the booklet for
Hex(4F81DE) contains.

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Color

Hex(4F81DE)

Conversions

Conversions Part 1

Format	Color
Hex	4F81DE
RGB	79, 129, 222
RGB Percent	31%, 51%, 87%
CMY	0.6902, 0.4941, 0.1294
CMYK	0.64, 0.42, 0.00, 0.13
HSL	219°, 68%, 59%
HSV	219°, 64%, 87%
XYZ	24.2595, 22.6367, 72.1979
YIQ	124.6520, -59.6530, 18.3230

Conversions

Conversions Part 2

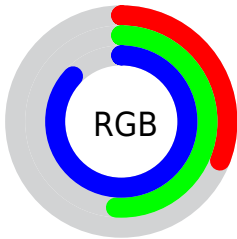
Format	Color
R_{YB}	79, 116, 222
Decimal	5210590
CIE _{Lab}	54.70, 12.44, -52.51
CIE _{LCh}	55, 53.965, 283.327
Yxy	22.6367, 0.2037, 0.1901
Android (android.graphics.Color)	4283400670 (0xFF4F81DE)
YUV	124.6520, 47.9926, -40.0368
Hunter-Lab	47.5780, 7.7536, -56.6658

Details

The Hex color **4F81DE** 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 **DEAC4F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8CB5FF**, and **0051A6** is the 20% darker color. If you saturate the color by 10%, you get **3973DE**, and if you desaturate by 10%, it is **658FDE**.

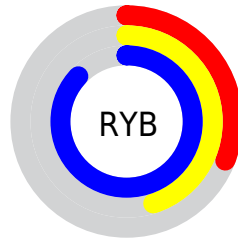
Distribution



Red (31%)

Green (51%)

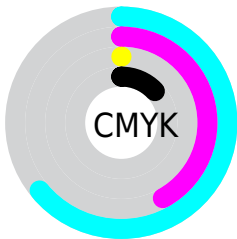
Blue (87%)



Red (31%)

Yellow (45%)

Blue (87%)

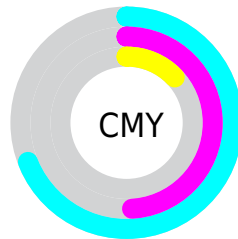


Cyan (64%)

Magenta (42%)

Yellow (0%)

Black (13%)



Cyan (69%)

Magenta (49%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F81DE 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 4F81DE by changing the saturation by 10% instead.

■ 4F81DE

■ 4F81DE

FFFFFF

■ 2A68C2

■ 8CB5FF

■ 0051A6

■ AAD1FF

■ 003A8B

■ C8EDFF

■ 002671

■ E6FFFF

■ 001258

■ 000740

■ 000329

■ 000113

■ 000000

■ 4F81DE

■ 4F81DE

■ 3973DE

■ 658FDE

■ 2364DE

■ 7B9EDE

■ 0C56DE

■ 92ACDE

■ 004EDE

■ A8BBDE

■ BEC9DE

■ D4D8DE

■ EAE6DE

■ FFF5DE

■ FFFFDE

Harmonies

Analogous

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



008FDC



4F81DE



A06DC7

Triad

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



4F81DE



CD6445



009866

Complementary

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



4F81DE



DEAC4F

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.



53923B



4F81DE



B17724

Square

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



4F81DE



D85770



88871D



009997

Rectangle

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



4F81DE



BF61AE



88871D



0F9657

Sweetspot

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



4F81DE



CFDFFF



4FDEAC



626C80



000000



808080

Same Dimension

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



4F81DE



3B7FFF



644FDE



656970



003EB0



001130

Inverse Universe

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



DE4F81



FF3B7F



C9DE4F



706569



B0003E



300011

Previews

White Background



This preview shows how the Hex color 4F81DE looks on a white background.

Color Contrast Check

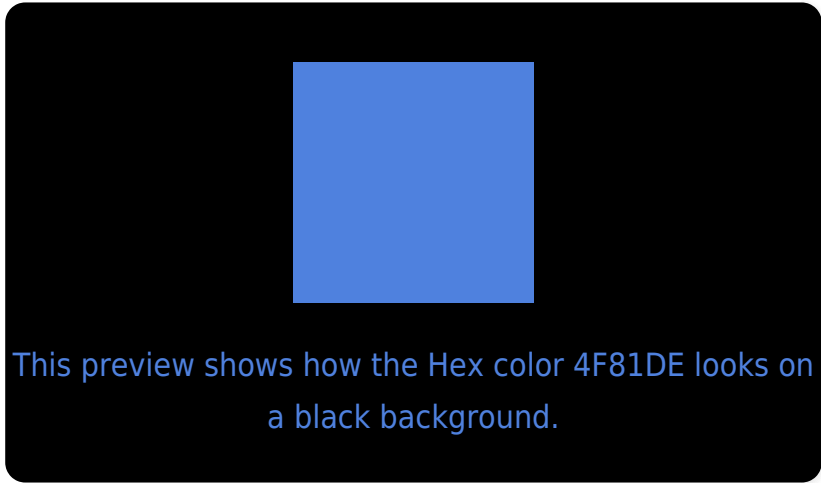
Large Text (above 18pt) WCAG AA ✓ Pass

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

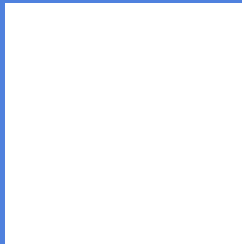
Any Text WCAG AAA × Fail

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

Hex 4F81DE Background



This preview shows how black text looks on a background with the Hex color 4F81DE.

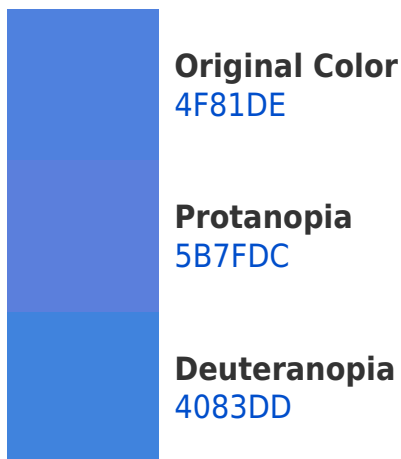


This preview shows how white text looks on a background with the Hex color 4F81DE.

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](#).

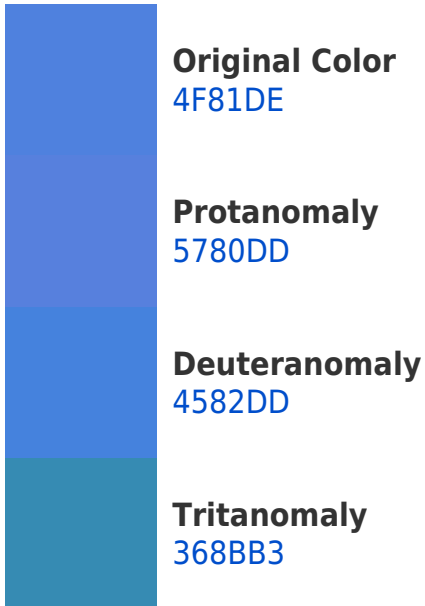
Dichromacy



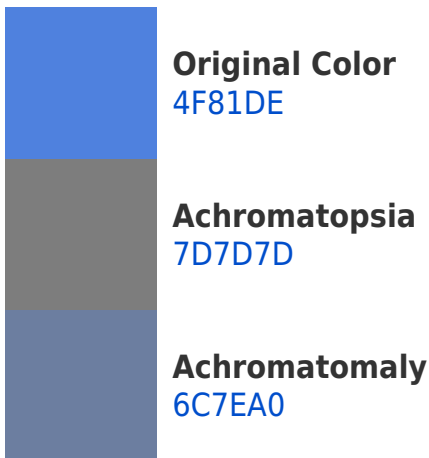


Tritanopia
28909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F81DE 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 #4F81DE looks like.

```
.text, #text, p{  
    color:#4F81DE  
}
```

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 #4F81DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F81DE
}
```

Border

The CSS property to change the border of an element to Hex 4F81DE 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
#4F81DE }
```

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

```
.border{ border-color:#4F81DE }
```

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

Here you see how a box with a 4 pixel #4F81DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F81DE; -webkit-box-shadow:4px 4px  
4px 4px #4F81DE; box-shadow:4px 4px 4px  
4px #4F81DE }
```

Background

The CSS property to change the background color of an element to Hex 4F81DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F81DE }
```

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

```
.background{ background-color:#4F81DE }
```

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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