

Converting Colors

Hex(4F9DE0)

Have a look what the booklet for
Hex(4F9DE0) contains.

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Color

Hex(4F9DE0)

Conversions

Conversions Part 1

Format	Color
Hex	4F9DE0
RGB	79, 157, 224
RGB Percent	31%, 62%, 88%
CMY	0.6902, 0.3843, 0.1216
CMYK	0.65, 0.30, 0.00, 0.12
HSL	208°, 70%, 59%
HSV	208°, 65%, 88%
XYZ	28.7360, 31.1580, 75.0206
YIQ	141.3160, -67.9950, 4.3010

Conversions

Conversions Part 2

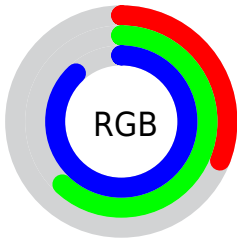
Format	Color
R _Y B	79, 130, 224
Decimal	5217760
CIE Lab	62.64, -3.39, -41.06
CIE LCh	63, 41.198, 265.285
Yxy	31.1580, 0.2130, 0.2309
Android (android.graphics.Color)	4283407840 (0xFF4F9DE0)
YUV	141.3160, 40.7632, -54.6511
Hunter-Lab	55.8194, -5.7916, -40.6115

Details

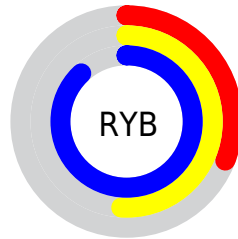
The Hex color **4F9DE0** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **E0924F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8DD3FF**, and **006AA8** is the 20% darker color. If you saturate the color by 10%, you get **3993E0**, and if you desaturate by 10%, it is **65A7E0**.

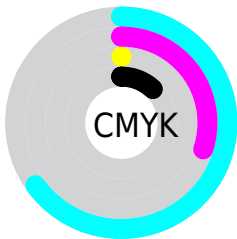
Distribution



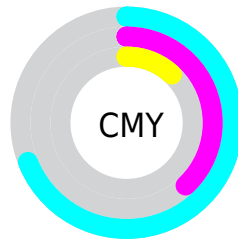
- Red (31%)
- Green (62%)
- Blue (88%)



- Red (31%)
- Yellow (51%)
- Blue (88%)



- Cyan (65%)
- Magenta (30%)
- Yellow (0%)
- Black (12%)



- Cyan (69%)
- Magenta (38%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9DE0 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 4F9DE0 by changing the saturation by 10% instead.

 4F9DE0

 4F9DE0

FFFFFF

 2A83C4

 8DD3FF

 006AA8

 ABF0FF

 00528E

 C8FFFF

 003B74

 E7FFFF

 00265B

 001143

 00032C

 000116

 000000

■ 4F9DE0

■ 4F9DE0

■ 3993E0

■ 65A7E0

■ 2288E0

■ 7CB2E0

■ 0C7EE0

■ 92BCE0

■ 0078E0

■ A9C6E0

■ BFD1E0

■ D5DBE0

■ ECE5E0

■ FFF0E0

■ FFFAE0

Harmonies

Analogous

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



00A6D3



4F9DE0



9290DA

Triad

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



4F9DE0



DD7C7A



63A66C

Complementary

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



4F9DE0



E0924F

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.



8F9F53



4F9DE0



CF865C

Square

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



4F9DE0



D97A9F



B3934D



22AA90

Rectangle

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



4F9DE0



B387CB



B3934D



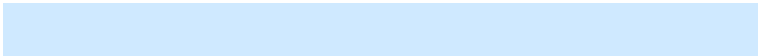
73A462

Sweetspot

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



4F9DE0



CFE9FF



4FE090



627280



000000



808080

Same Dimension

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



4F9DE0



38A3FF



4F56E0



656B70



005FB0



001A30

Inverse Universe

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



E04F9D



FF38A3



E0D94F



70656B



B0005F



30001A

Previews

White Background



This preview shows how the Hex color 4F9DE0 looks on a white background.

Color Contrast Check

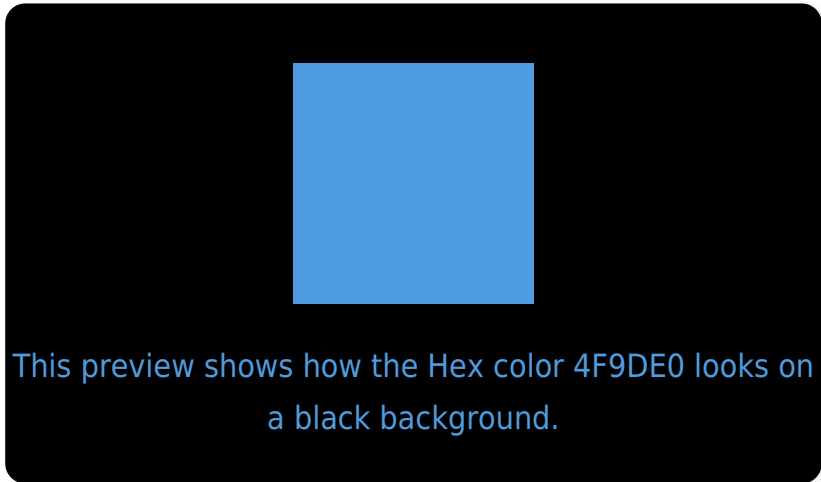
Large Text (above 18pt) WCAG AA × Fail

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

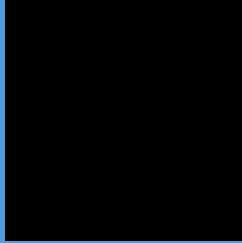
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 4F9DE0 Background



This preview shows how black text looks on a background with the Hex color 4F9DE0.

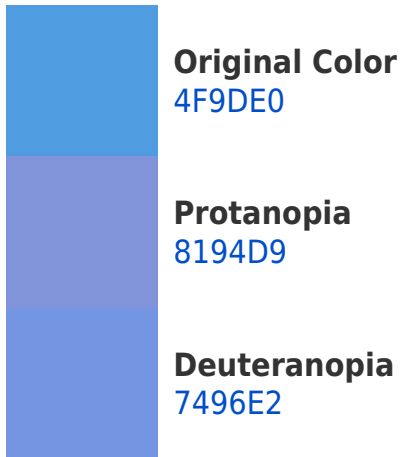


This preview shows how white text looks on a background with the Hex color 4F9DE0.

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](#).

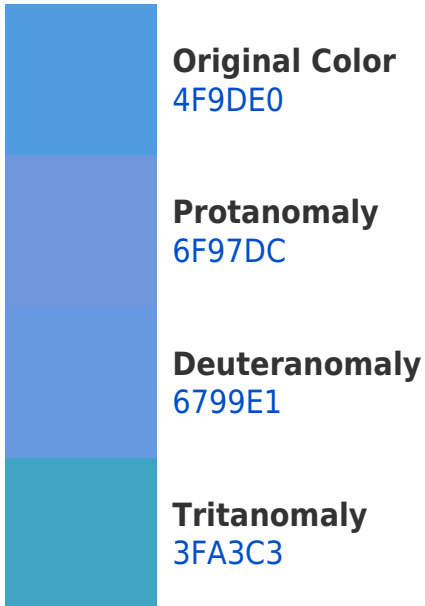
Dichromacy



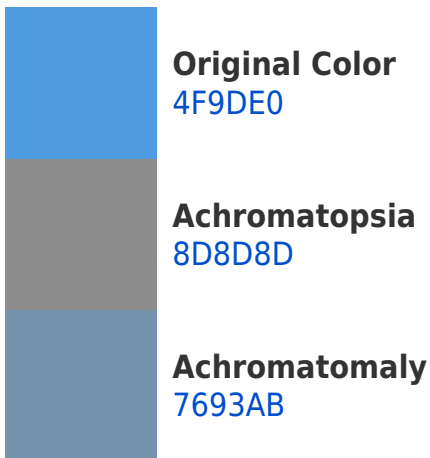


Tritanopia
36A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9DE0 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 #4F9DE0 looks like.

```
.text, #text, p{  
    color:#4F9DE0  
}
```

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 #4F9DE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9DE0  
}
```

Border

The CSS property to change the border of an element to Hex 4F9DE0 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  
#4F9DE0 }
```

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

```
.border{ border-color:#4F9DE0 }
```

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

Here you see how a box with a 4 pixel #4F9DE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9DE0; -webkit-box-shadow:4px 4px  
4px 4px #4F9DE0; box-shadow:4px 4px 4px  
4px #4F9DE0 }
```

Background

The CSS property to change the background color of an element to Hex 4F9DE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9DE0 }
```

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

```
.background{ background-color:#4F9DE0 }
```

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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