

Converting Colors

Hex(4F9DDD)

Have a look what the booklet for
Hex(4F9DDD) contains.

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Color

Hex(4F9DDD)

Conversions

Conversions Part 1

Format	Color
Hex	4F9DDD
RGB	79, 157, 221
RGB Percent	31%, 62%, 87%
CMY	0.6902, 0.3843, 0.1333
CMYK	0.64, 0.29, 0.00, 0.13
HSL	207°, 68%, 59%
HSV	207°, 64%, 87%
XYZ	28.3326, 30.9967, 72.8963
YIQ	140.9740, -67.0320, 3.3680

Conversions

Conversions Part 2

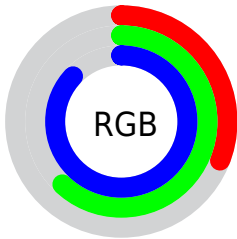
Format	Color
RYB	79, 129, 221
Decimal	5217757
CIELab	62.50, -4.38, -39.61
CIElCh	63, 39.851, 263.692
Yxy	30.9967, 0.2143, 0.2344
Android (android.graphics.Color)	4283407837 (0xFF4F9DDD)
YUV	140.9740, 39.4528, -54.3512
Hunter-Lab	55.6746, -6.5928, -38.6577

Details

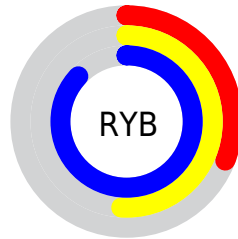
The Hex color **4F9DDD** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **DD8F4F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8CD3FF**, and **006AA6** is the 20% darker color. If you saturate the color by 10%, you get **3993DD**, and if you desaturate by 10%, it is **65A7DD**.

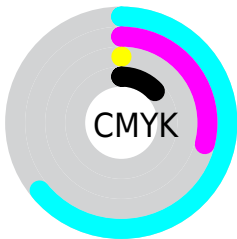
Distribution



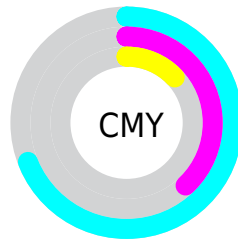
- Red (31%)
- Green (62%)
- Blue (87%)



- Red (31%)
- Yellow (51%)
- Blue (87%)



- Cyan (64%)
- Magenta (29%)
- Yellow (0%)
- Black (13%)



- Cyan (69%)
- Magenta (38%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9DDD 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 4F9DDD by changing the saturation by 10% instead.

 4F9DDD

 4F9DDD

FFFFFF

 2B83C1

 8CD3FF

 006AA6

 AAF0FF

 00528B

 C8FFFF

 003B71

 E6FFFF

 002658

 001141

 00032A

 000114

 000000

■ 4F9DDD

■ 4F9DDD

■ 3993DD

■ 65A7DD

■ 2389DD

■ 7BB1DD

■ 0D7FDD

■ 91BBDD

■ 0079DD

■ A7C5DD

■ BECFDD

■ D4D9DD

■ EAE3DD

■ FFEDDD

■ FFF7DD

Harmonies

Analogous

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



00A5CF



4F9DDD



8F91D8

Triad

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



4F9DDD



DB7C7D



67A56C

Complementary

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



4F9DDD



DD8F4F

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.



919E55



4F9DDD



CE865F

Square

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



4F9DDD



D67BA0



B49350



2FA98E

Rectangle

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



4F9DDD



AF88CB



B49350



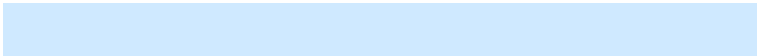
76A363

Sweetspot

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



4F9DDD



CFE9FF



4FDD8F



627280



000000



808080

Same Dimension

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



4F9DDD



3BA7FF



4F56DD



63696E



005FAD



00192E

Inverse Universe

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



DD4F9D



FF3BA7



DDD64F



6E6369



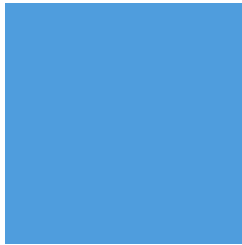
AD005F



2E0019

Previews

White Background



This preview shows how the Hex color 4F9DDD looks on a white background.

Color Contrast Check

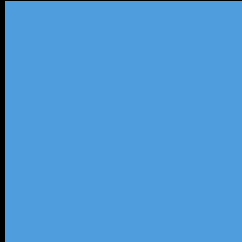
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4F9DDD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

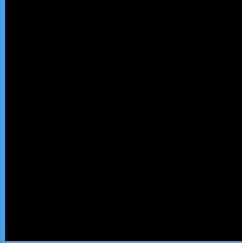
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

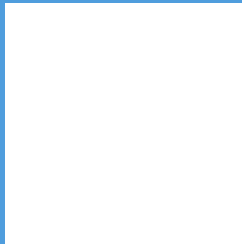
Any Text WCAG AAA ✓ Pass

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

Hex 4F9DDD Background



This preview shows how black text looks on a background with the Hex color 4F9DDD.

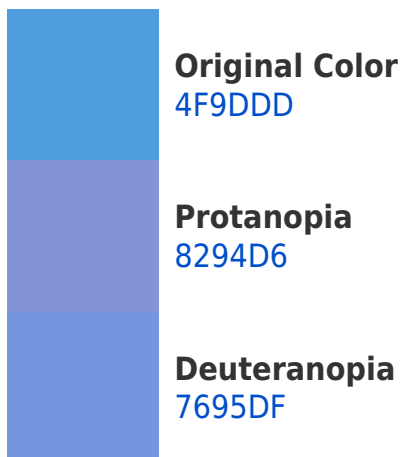


This preview shows how white text looks on a background with the Hex color 4F9DDD.

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](#).

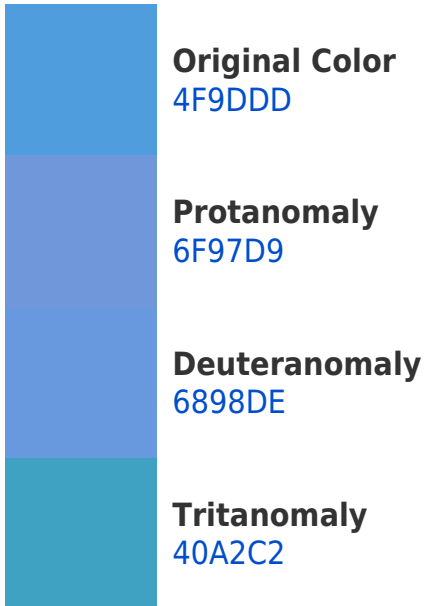
Dichromacy



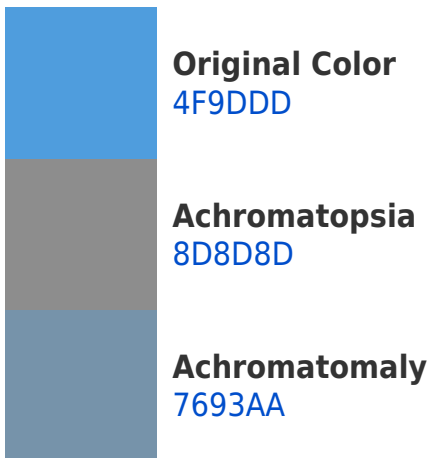


Tritanopia
38A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9DDD 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 #4F9DDD looks like.

```
.text, #text, p{  
    color:#4F9DDD  
}
```

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 #4F9DDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9DDD
}
```

Border

The CSS property to change the border of an element to Hex 4F9DDD 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
#4F9DDD }
```

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

```
.border{ border-color:#4F9DDD }
```

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

Here you see how a box with a 4 pixel #4F9DDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9DDD; -webkit-box-shadow:4px 4px  
4px 4px #4F9DDD; box-shadow:4px 4px 4px  
4px #4F9DDD }
```

Background

The CSS property to change the background color of an element to Hex 4F9DDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9DDD }
```

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

```
.background{ background-color:#4F9DDD }
```

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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