

Converting Colors

Hex(4F9AE6)

Have a look what the booklet for
Hex(4F9AE6) contains.

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Color

Hex(4F9AE6)

Conversions

Conversions Part 1

Format	Color
Hex	4F9AE6
RGB	79, 154, 230
RGB Percent	31%, 60%, 90%
CMY	0.6902, 0.3961, 0.0980
CMYK	0.66, 0.33, 0.00, 0.10
HSL	210°, 75%, 61%
HSV	210°, 66%, 90%
XYZ	29.0630, 30.4866, 79.2156
YIQ	140.2390, -69.0960, 7.7360

Conversions

Conversions Part 2

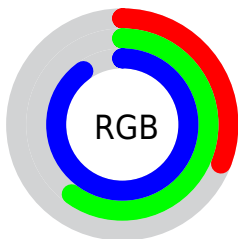
Format	Color
RYB	79, 129, 230
Decimal	5216998
CIELab	62.07, 0.33, -45.27
CIELCh	62, 45.274, 270.423
Yxy	30.4866, 0.2094, 0.2197
Android (android.graphics.Color)	4283407078 (0xFF4F9AE6)
YUV	140.2390, 44.2522, -53.7066
Hunter-Lab	55.2147, -2.6699, -46.4121

Details

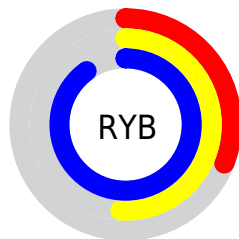
The Hex color **4F9AE6** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **E69B4F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8DD0FF**, and **0067AE** is the 20% darker color. If you saturate the color by 10%, you get **388EE6**, and if you desaturate by 10%, it is **66A6E6**.

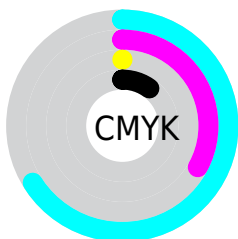
Distribution



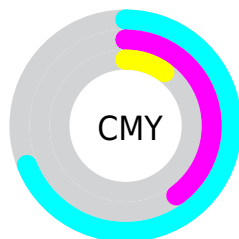
- Red (31%)
- Green (60%)
- Blue (90%)



- Red (31%)
- Yellow (51%)
- Blue (90%)



- Cyan (66%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



- Cyan (69%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9AE6 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 4F9AE6 by changing the saturation by 10% instead.

■ 4F9AE6

■ 4F9AE6

FFFFFF

■ 2980CA

■ 8DD0FF

■ 0067AE

■ ACECFF

■ 005093

■ CAFFFF

■ 003979

■ E8FFFF

■ 002460

■ 000F47

■ 000430

■ 00011A

■ 000000

 4F9AE6

 4F9AE6

 388EE6

 66A6E6

 2183E6

 7DB1E6

 0A77E6

 94BDE6

 0072E6

 ABC8E6

 C2D4E6

 D9DFE6

 F0EBE6

 FFF7E6

 FFFF6E

Harmonies

Analogous

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



00A4DB



4F9AE6



998BDB

Triad

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



4F9AE6



E07870



51A76D

Complementary

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



4F9AE6



E69B4F

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.



84A04E



4F9AE6



CD8551

Square

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



4F9AE6



DF7497



AD9443



00AA95

Rectangle

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



4F9AE6



BB81CA



AD9443



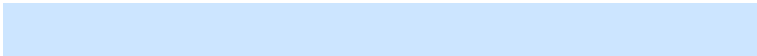
64A561

Sweetspot

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



4F9AE6



CCE5FF



4FE69B



617080



000000



808080

Same Dimension

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



4F9AE6



369AFF



4F4FE6



676D73



0059B3



001933

Inverse Universe

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



E64F9A



FF369A



E6E64F



73676D



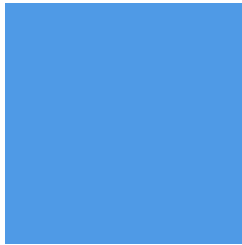
B30059



330019

Previews

White Background



This preview shows how the Hex color 4F9AE6 looks on a white background.

Color Contrast Check

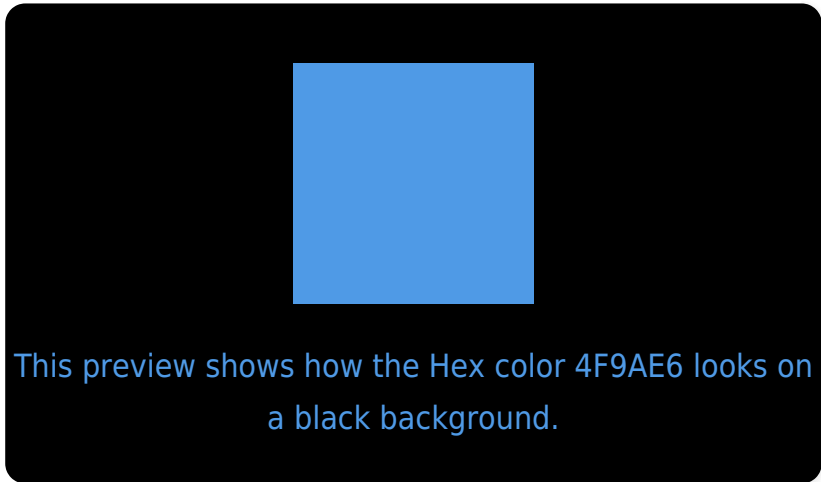
Large Text (above 18pt) WCAG AA × Fail

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 4F9AE6 Background



This preview shows how black text looks on a background with the Hex color 4F9AE6.

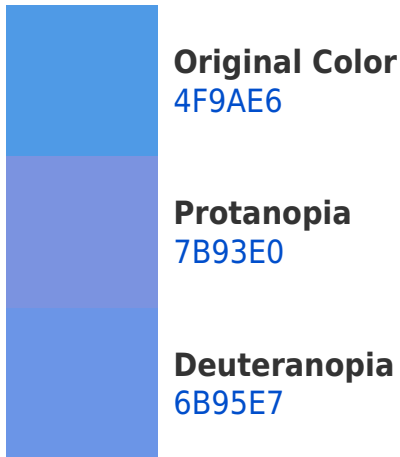


This preview shows how white text looks on a background with the Hex color 4F9AE6.

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](#).

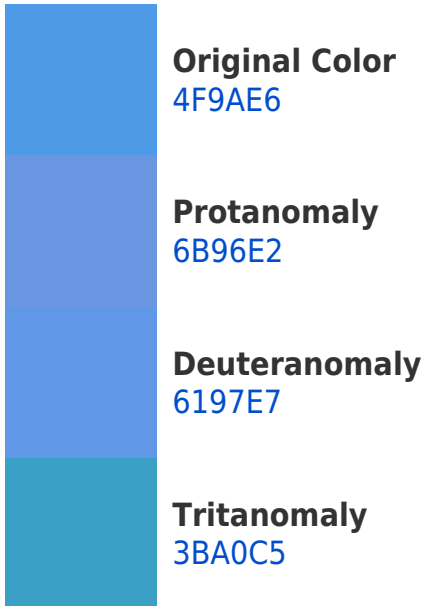
Dichromacy



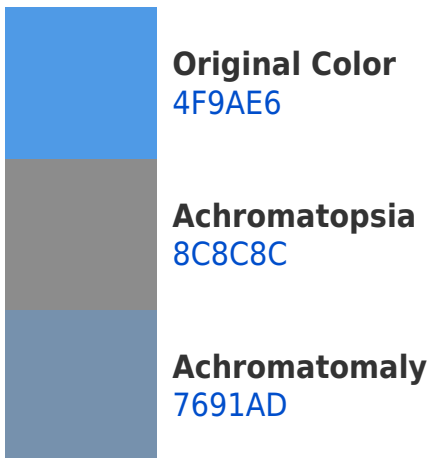


Tritanopia
30A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9AE6 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 #4F9AE6 looks like.

```
.text, #text, p{  
    color:#4F9AE6  
}
```

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 #4F9AE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9AE6
}
```

Border

The CSS property to change the border of an element to Hex 4F9AE6 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
#4F9AE6 }
```

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

```
.border{ border-color:#4F9AE6 }
```

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

Here you see how a box with a 4 pixel #4F9AE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9AE6; -webkit-box-shadow:4px 4px  
4px 4px #4F9AE6; box-shadow:4px 4px 4px  
4px #4F9AE6 }
```

Background

The CSS property to change the background color of an element to Hex 4F9AE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9AE6 }
```

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

```
.background{ background-color:#4F9AE6 }
```

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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