

Converting Colors

Hex(4F91EA)

Have a look what the booklet for
Hex(4F91EA) contains.

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Color

Hex(4F91EA)

Conversions

Conversions Part 1

Format	Color
Hex	4F91EA
RGB	79, 145, 234
RGB Percent	31%, 57%, 92%
CMY	0.6902, 0.4314, 0.0824
CMYK	0.66, 0.38, 0.00, 0.08
HSL	214°, 79%, 61%
HSV	214°, 66%, 92%
XYZ	28.2011, 27.8536, 81.7318
YIQ	135.4120, -67.9050, 13.6870

Conversions

Conversions Part 2

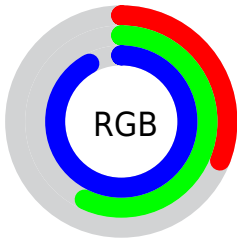
Format	Color
R _Y B	79, 125, 234
Decimal	5214698
CIE Lab	59.76, 6.95, -51.15
CIE LCh	60, 51.620, 277.740
Yxy	27.8536, 0.2047, 0.2022
Android (android.graphics.Color)	4283404778 (0xFF4F91EA)
YUV	135.4120, 48.6039, -49.4733
Hunter-Lab	52.7765, 3.0227, -54.8754

Details

The Hex color **4F91EA** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **EAA84F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8EC6FF**, and **005FB2** is the 20% darker color. If you saturate the color by 10%, you get **3884EA**, and if you desaturate by 10%, it is **669EEA**.

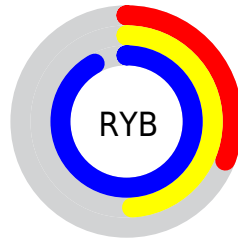
Distribution



Red (31%)

Green (57%)

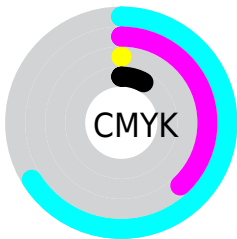
Blue (92%)



Red (31%)

Yellow (49%)

Blue (92%)

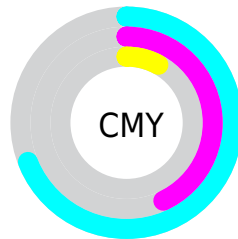


Cyan (66%)

Magenta (38%)

Yellow (0%)

Black (8%)



Cyan (69%)

Magenta (43%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F91EA 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 4F91EA by changing the saturation by 10% instead.

■ 4F91EA

■ 4F91EA

FFFFFF

■ 2878CE

■ 8EC6FF

■ 005FB2

■ ACE2FF

■ 004897

■ CAFFFF

■ 00327C

■ E9FFFF

■ 001F63

■ 00044A

■ 000433

■ 00021D

■ 000000

■ 4F91EA

■ 4F91EA

■ 3884EA

■ 669EEA

■ 2076EA

■ 7EACEA

■ 0969EA

■ 95B9EA

■ 0064EA

■ ADC7EA

■ C4D4EA

■ DBE2EA

■ F3EFEA

■ FFFCEA

■ FFFFEA

Harmonies

Analogous

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



009EE4



4F91EA



A27FD8

Triad

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



4F91EA



DE705B



1EA46C

Complementary

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



4F91EA



EAA84F

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.



6E9D44



4F91EA



C4813A

Square

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



4F91EA



E36786



9E9130



00A69B

Rectangle

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



4F91EA



C473C1



9E9130



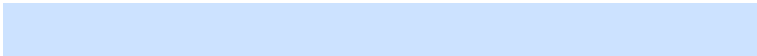
43A25D

Sweetspot

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



4F91EA



CCE2FF



4FEAA7



616E80



000000



808080

Same Dimension

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



4F91EA



368BFF



594FEA



6A6F75



004DB5



001736

Inverse Universe

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



EA4F91



FF368B



E0EA4F



756A6F



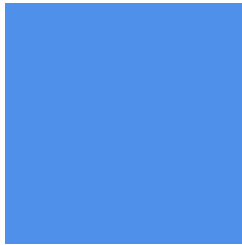
B5004D



360017

Previews

White Background



This preview shows how the Hex color 4F91EA looks on a white background.

Color Contrast Check

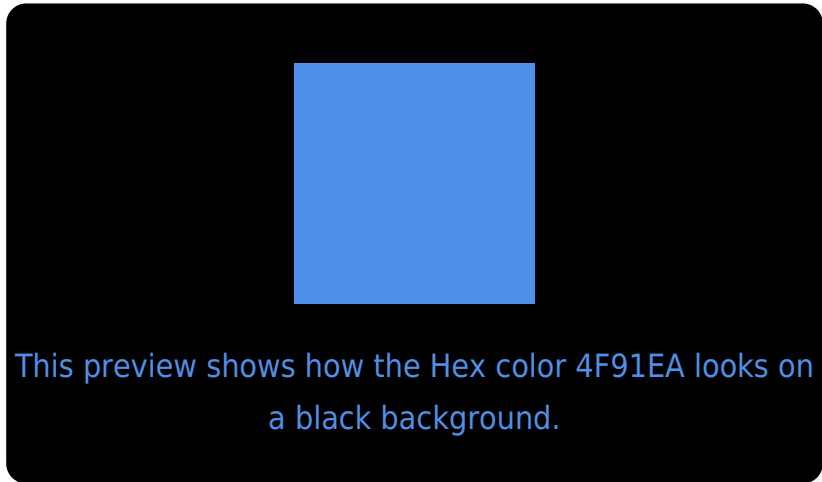
Large Text (above 18pt) WCAG AA ✓ Pass

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

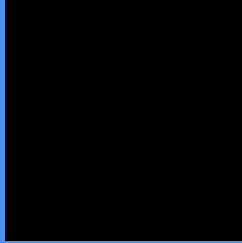
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

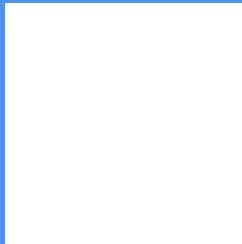
Any Text WCAG AAA × Fail

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

Hex 4F91EA Background



This preview shows how black text looks on a background with the Hex color 4F91EA.

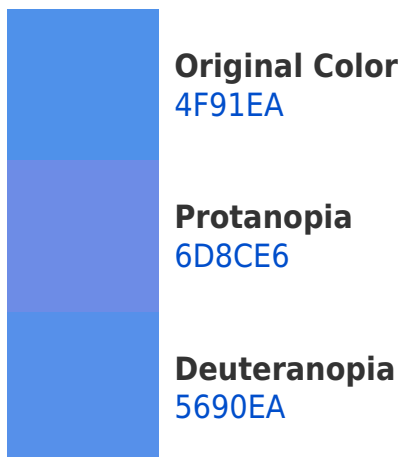


This preview shows how white text looks on a background with the Hex color 4F91EA.

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](#).

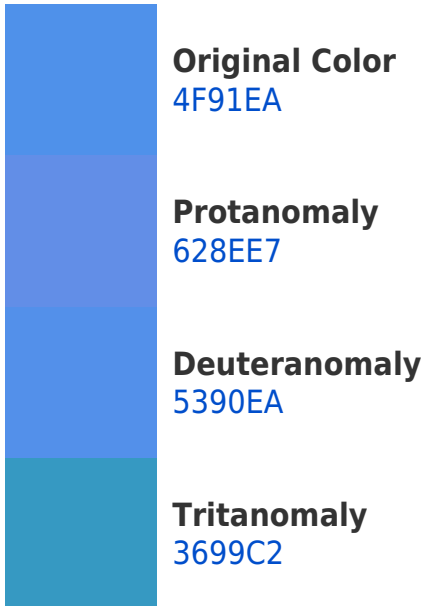
Dichromacy



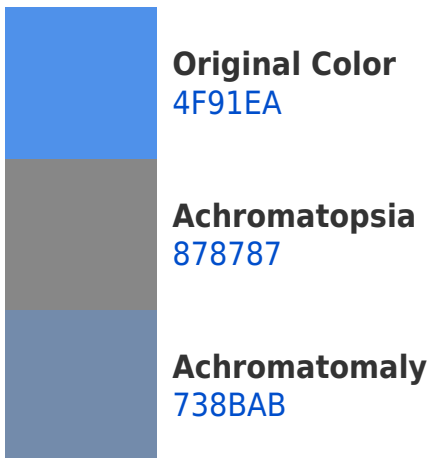


Tritanopia
279EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F91EA 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 #4F91EA looks like.

```
.text, #text, p{  
    color:#4F91EA  
}
```

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 #4F91EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F91EA
}
```

Border

The CSS property to change the border of an element to Hex 4F91EA 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
#4F91EA }
```

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

```
.border{ border-color:#4F91EA }
```

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

Here you see how a box with a 4 pixel #4F91EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F91EA; -webkit-box-shadow:4px 4px  
4px 4px #4F91EA; box-shadow:4px 4px 4px  
4px #4F91EA }
```

Background

The CSS property to change the background color of an element to Hex 4F91EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F91EA }
```

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

```
.background{ background-color:#4F91EA }
```

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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