

Converting Colors

Hex(4A59F0)

Have a look what the booklet for
Hex(4A59F0) contains.

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Color

Hex(4A59F0)

Conversions

Conversions Part 1

Format	Color
Hex	4A59F0
RGB	74, 89, 240
RGB Percent	29%, 35%, 94%
CMY	0.7098, 0.6510, 0.0588
CMYK	0.69, 0.63, 0.00, 0.06
HSL	235°, 85%, 62%
HSV	235°, 69%, 94%
XYZ	22.1246, 14.8919, 84.1464
YIQ	101.7290, -57.4110, 43.7810

Conversions

Conversions Part 2

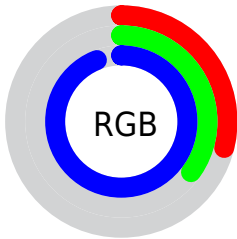
Format	Color
R_{YB}	74, 88, 240
Decimal	4872688
CIE _{Lab}	45.49, 42.55, -77.53
CIE _{LCh}	45, 88.435, 298.759
Yxy	14.8919, 0.1826, 0.1229
Android (android.graphics.Color)	4283062768 (0xFF4A59F0)
YUV	101.7290, 68.1676, -24.3183
Hunter-Lab	38.5900, 34.8060, -102.2703

Details

The Hex color **4A59F0** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **F0E14A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8E8BFF**, and **002BB7** is the 20% darker color. If you saturate the color by 10%, you get **3243F0**, and if you desaturate by 10%, it is **626FF0**.

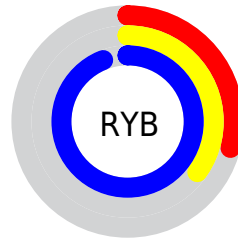
Distribution



Red (29%)

Green (35%)

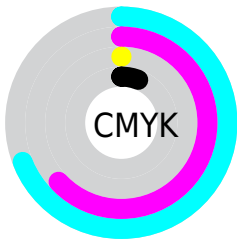
Blue (94%)



Red (29%)

Yellow (35%)

Blue (94%)

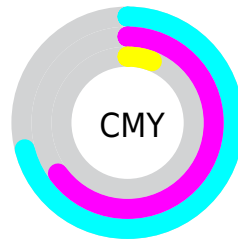


Cyan (69%)

Magenta (63%)

Yellow (0%)

Black (6%)



Cyan (71%)

Magenta (65%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A59F0 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 4A59F0 by changing the saturation by 10% instead.

 4A59F0

 4A59F0

FFFFFF

 1842D3

 8E8BFF

 002BB7

 ADA6FF

 00179B

 CCC1FF

 000680


 EBDDFF

 000066

 FFF9FF

 000A4D

 000535

 00021F

 000002

 4A59F0

 4A59F0

 3243F0

 626FF0

 1A2DF0

 7A85F0

 0218F0

 929AF0

 0016F0

 AAB0F0

 C2C6F0

 DADCF0

 F2F2F0

 FFFFF0

Harmonies

Analogous

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



0078FF



4A59F0



BD16BA

Triad

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



4A59F0



BD4400



008866

Complementary

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



4A59F0



F0E14A

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.



00840C



4A59F0



866800

Square

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



4A59F0



E0002A



3A7B00



0089B2

Rectangle

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



4A59F0



DC008B



3A7B00



00874C

Sweetspot

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



4A59F0



C9CEFF



4AF0DF



606380



000000



808080

Same Dimension

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



4A59F0



2B3EFF



8C4AF0



6C6D78



0011B8



000538

Inverse Universe

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



F04A59



FF2B3E



AEF04A



786C6D



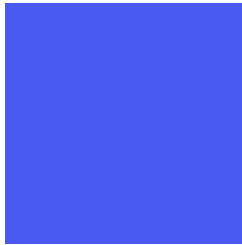
B80011



380005

Previews

White Background



This preview shows how the Hex color 4A59F0 looks on a white background.

Color Contrast Check

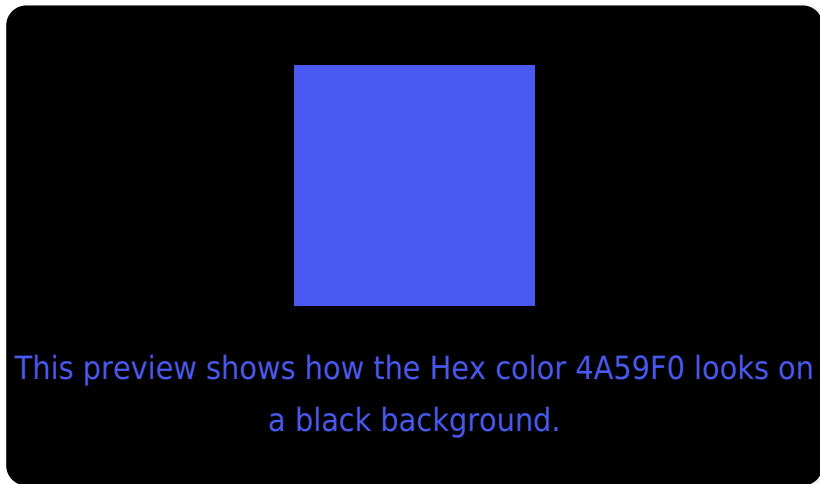
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

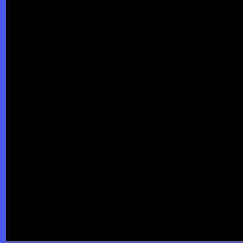
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4A59F0 Background



This preview shows how black text looks on a background with the Hex color 4A59F0.

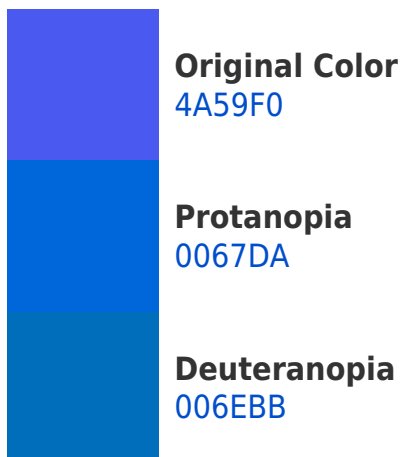


This preview shows how white text looks on a background with the Hex color 4A59F0.

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](#).

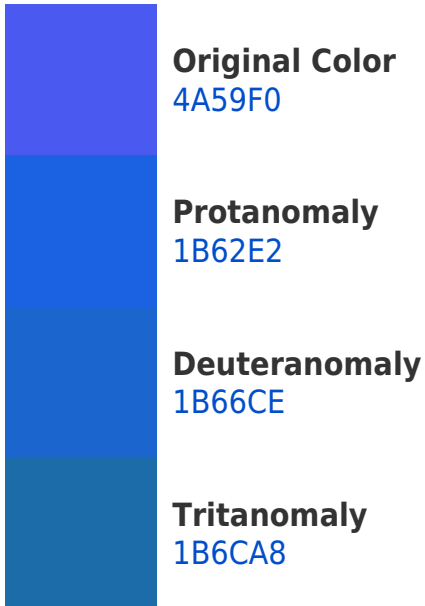
Dichromacy





Tritanopia
00777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A59F0 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 #4A59F0 looks like.

```
.text, #text, p{  
    color:#4A59F0  
}
```

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 #4A59F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A59F0
}
```

Border

The CSS property to change the border of an element to Hex 4A59F0 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
#4A59F0 }
```

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

```
.border{ border-color:#4A59F0 }
```

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

Here you see how a box with a 4 pixel #4A59F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A59F0; -webkit-box-shadow:4px 4px  
4px 4px #4A59F0; box-shadow:4px 4px 4px  
4px #4A59F0 }
```

Background

The CSS property to change the background color of an element to Hex 4A59F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A59F0 }
```

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

```
.background{ background-color:#4A59F0 }
```

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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