

Converting Colors

Hex(4D58F0)

Have a look what the booklet for
Hex(4D58F0) contains.

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Color

Hex(4D58F0)

Conversions

Conversions Part 1

Format	Color
Hex	4D58F0
RGB	77, 88, 240
RGB Percent	30%, 35%, 94%
CMY	0.6980, 0.6549, 0.0588
CMYK	0.68, 0.63, 0.00, 0.06
HSL	236°, 84%, 62%
HSV	236°, 68%, 94%
XYZ	22.2785, 14.8485, 84.1299
YIQ	102.0390, -55.3480, 44.9400

Conversions

Conversions Part 2

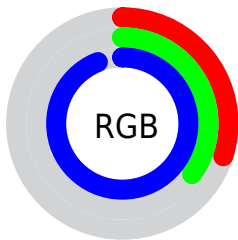
Format	Color
R _Y B	77, 87, 240
Decimal	5069040
CIE Lab	45.43, 43.52, -77.62
CIE LCh	45, 88.985, 299.278
Yxy	14.8485, 0.1837, 0.1225
Android (android.graphics.Color)	4283259120 (0xFF4D58F0)
YUV	102.0390, 68.0148, -21.9592
Hunter-Lab	38.5337, 35.7666, -102.4730

Details

The Hex color **4D58F0** 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 **F0E54D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **908AFF**, and **002AB7** is the 20% darker color. If you saturate the color by 10%, you get **3542F0**, and if you desaturate by 10%, it is **656EF0**.

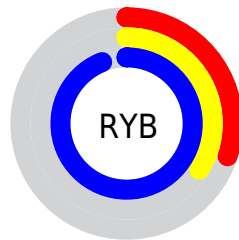
Distribution



Red (30%)

Green (35%)

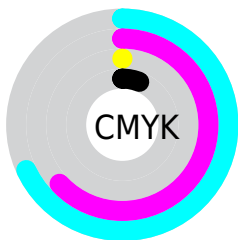
Blue (94%)



Red (30%)

Yellow (34%)

Blue (94%)

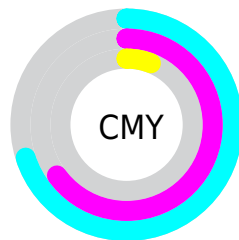


Cyan (68%)

Magenta (63%)

Yellow (0%)

Black (6%)



Cyan (70%)

Magenta (65%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D58F0 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 4D58F0 by changing the saturation by 10% instead.

 4D58F0

 4D58F0

FFFFFF

 1F40D3

 908AFF

 002AB7

 AFA5FF

 00169B

 CEC0FF

 000480

 EDDCFF

 000066

 FFF8FF

 000A4D

 000535

 00021F

 000002

 4D58F0

 4D58F0

 3542F0

 656EF0

 1D2BF0

 7D85F0

 0515F0

 959BF0

 0010F0

 ADB2F0

 C5C8F0

 DDDEF0

 F5F5F0

 FFFFF0

Harmonies

Analogous

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



0077FF



4D58F0



BE10B9

Triad

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



4D58F0



BD4400



008868

Complementary

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



4D58F0



F0E54D

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.



00840E



4D58F0



856900

Square

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



4D58F0



E00028



377B00



0089B3

Rectangle

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



4D58F0



DD008A



377B00



00874D

Sweetspot

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



4D58F0



CCCFF



4DF0E2



616380



000000



808080

Same Dimension

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



4D58F0



2E3CFF



914DF0



6C6D78



000CB8



000438

Inverse Universe

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



F04D58



FF2E3C



ACF04D



786C6D



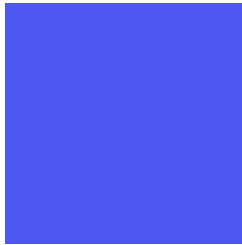
B8000C



380004

Previews

White Background



This preview shows how the Hex color 4D58F0 looks on a white background.

Color Contrast Check

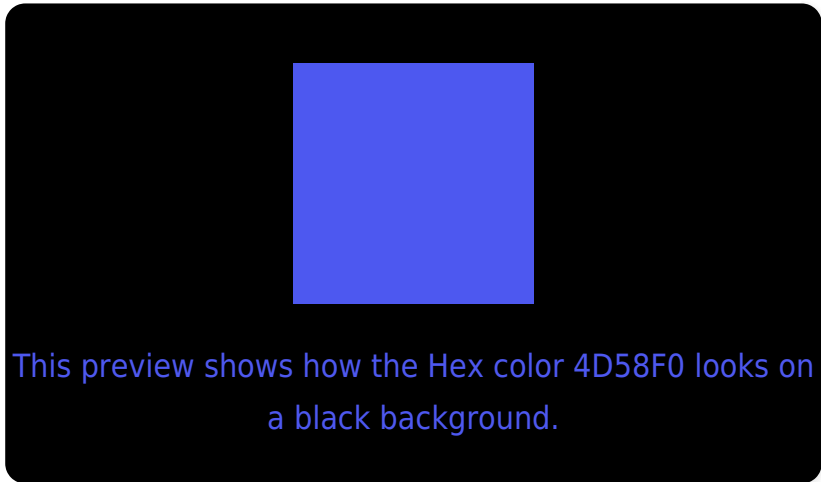
Large Text (above 18pt) WCAG AA ✓ Pass

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

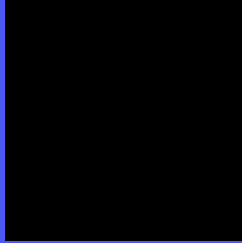
Any Text WCAG AA × Fail

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 4D58F0 Background



This preview shows how black text looks on a background with the Hex color 4D58F0.

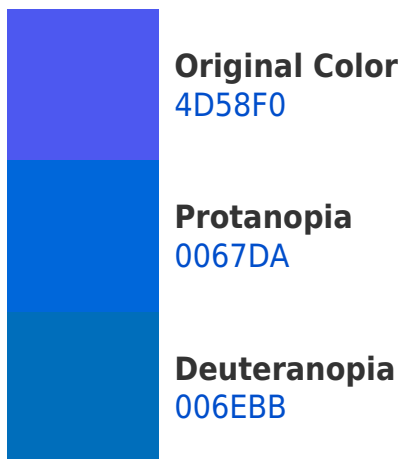


This preview shows how white text looks on a background with the Hex color 4D58F0.

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](#).

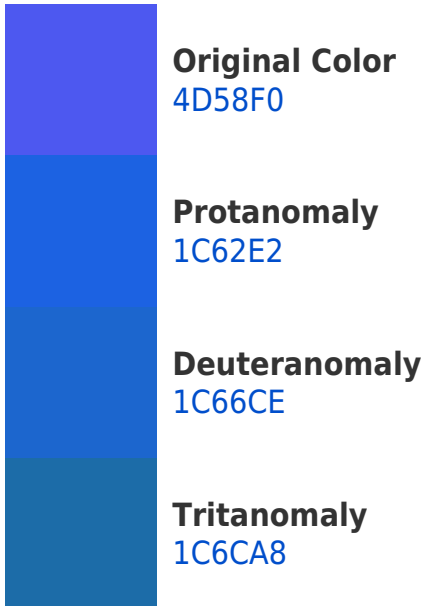
Dichromacy





Tritanopia
00777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D58F0 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 #4D58F0 looks like.

```
.text, #text, p{  
    color:#4D58F0  
}
```

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 #4D58F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D58F0
}
```

Border

The CSS property to change the border of an element to Hex 4D58F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

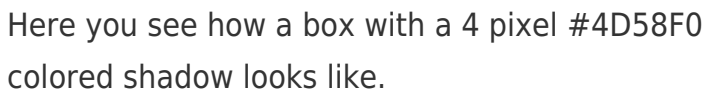
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D58F0 }
```

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

```
.border{ border-color:#4D58F0 }
```

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



Here you see how a box with a 4 pixel #4D58F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D58F0; -webkit-box-shadow:4px 4px  
4px 4px #4D58F0; box-shadow:4px 4px 4px  
4px #4D58F0 }
```

Background

The CSS property to change the background color of an element to Hex 4D58F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D58F0 }
```

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

```
.background{ background-color:#4D58F0 }
```

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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