

Converting Colors

Hex(4D98F9)

Have a look what the booklet for
Hex(4D98F9) contains.

Hex(4D98F9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D98F9)

Conversions

Conversions Part 1

Format	Color
Hex	4D98F9
RGB	77, 152, 249
RGB Percent	30%, 60%, 98%
CMY	0.6980, 0.4039, 0.0235
CMYK	0.69, 0.39, 0.00, 0.02
HSL	214°, 93%, 64%
HSV	214°, 69%, 98%
XYZ	31.3877, 30.8738, 93.9275
YIQ	140.6330, -75.8370, 14.2670

Conversions

Conversions Part 2

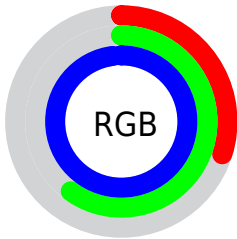
Format	Color
R _{YB}	77, 129, 249
Decimal	5085433
CIE Lab	62.40, 7.67, -55.21
CIE LCh	62, 55.744, 277.906
Yxy	30.8738, 0.2010, 0.1977
Android (android.graphics.Color)	4283275513 (0xFF4D98F9)
YUV	140.6330, 53.4249, -55.8061
Hunter-Lab	55.5642, 3.5956, -61.3307

Details

The Hex color **4D98F9** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F9AE4D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8FCEFF**, and **0066C0** is the 20% darker color. If you saturate the color by 10%, you get **348AF9**, and if you desaturate by 10%, it is **66A6F9**.

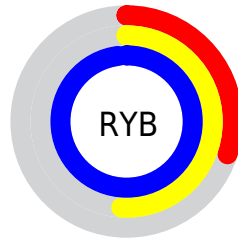
Distribution



Red (30%)

Green (60%)

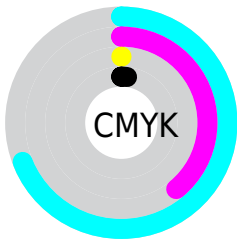
Blue (98%)



Red (30%)

Yellow (51%)

Blue (98%)

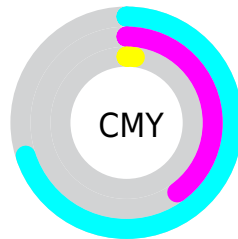


Cyan (69%)

Magenta (39%)

Yellow (0%)

Black (2%)



Cyan (70%)

Magenta (40%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D98F9 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 4D98F9 by changing the saturation by 10% instead.

 4D98F9

 4D98F9

FFFFFF

 207EDC

 8FCEFF

 0066C0

 AEEAFF

 004EA4

 CCFFFF

 00388A

 EBFFFF

 002470

 000E57

 00063E

 000328

 000111

■ 4D98F9

■ 4D98F9

■ 348AF9

■ 66A6F9

■ 1B7CF9

■ 7FB4F9

■ 026EF9

■ 98C2F9

■ 006DF9

■ B1D0F9

■ CADEF9

■ E2ECF9

■ FBFAF9

■ FFFFF9

Harmonies

Analogous

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



00A6F2



4D98F9



AB84E5

Triad

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



4D98F9



EB745D



08AC70

Complementary

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



4D98F9



F9AE4D

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.



71A544



4D98F9



CF8739

Square

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



4D98F9



F16A8C



A5992D



00AFA3

Rectangle

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



4D98F9



D077CC



A5992D



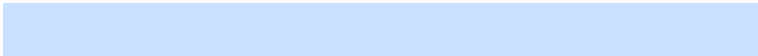
40AB60

Sweetspot

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



4D98F9



C9E1FF



4DF9AC



606E80



000000



808080

Same Dimension

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



4D98F9



2B88FF



564DF9



70767D



0052BD



001B3D

Inverse Universe

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



F94D98



FF2B88



F0F94D



7D7076



BD0052



3D001B

Previews

White Background



This preview shows how the Hex color 4D98F9 looks on a white background.

Color Contrast Check

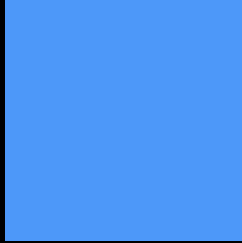
Large Text (above 18pt) WCAG AA × Fail

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 4D98F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

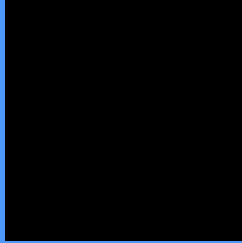
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

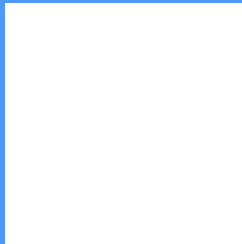
Any Text WCAG AAA ✓ Pass

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

Hex 4D98F9 Background



This preview shows how black text looks on a background with the Hex color 4D98F9.



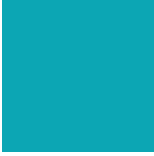
This preview shows how white text looks on a background with the Hex color 4D98F9.

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](#).

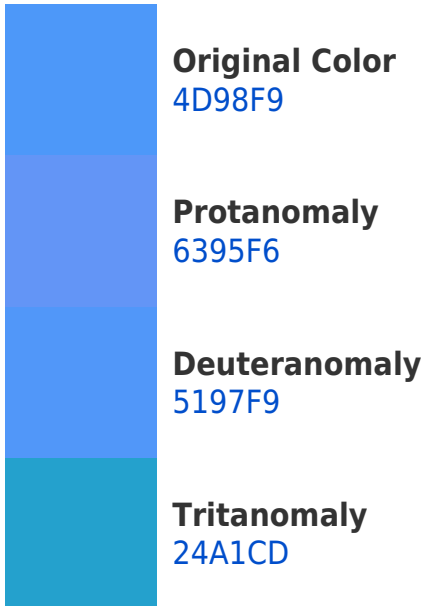
Dichromacy





Tritanopia
0CA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D98F9 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 #4D98F9 looks like.

```
.text, #text, p{  
    color:#4D98F9  
}
```

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 #4D98F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D98F9
}
```

Border

The CSS property to change the border of an element to Hex 4D98F9 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
#4D98F9 }
```

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

```
.border{ border-color:#4D98F9 }
```

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

Here you see how a box with a 4 pixel #4D98F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D98F9; -webkit-box-shadow:4px 4px  
4px 4px #4D98F9; box-shadow:4px 4px 4px  
4px #4D98F9 }
```

Background

The CSS property to change the background color of an element to Hex 4D98F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D98F9 }
```

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

```
.background{ background-color:#4D98F9 }
```

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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