

Converting Colors

Hex(4DC1F8)

Have a look what the booklet for
Hex(4DC1F8) contains.

Hex(4DC1F8)	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(4DC1F8)

Conversions

Conversions Part 1

Format	Color
Hex	4DC1F8
RGB	77, 193, 248
RGB Percent	30%, 76%, 97%
CMY	0.6980, 0.2431, 0.0275
CMYK	0.69, 0.22, 0.00, 0.03
HSL	199°, 92%, 64%
HSV	199°, 69%, 97%
XYZ	39.0738, 46.4950, 95.7220
YIQ	164.5860, -86.7910, -7.4870

Conversions

Conversions Part 2

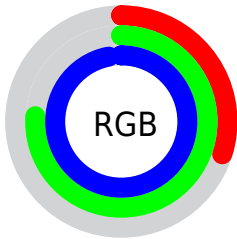
Format	Color
RYB	77, 146, 248
Decimal	5095928
CIELab	73.87, -15.57, -36.65
CIELCh	74, 39.823, 246.982
Yxy	46.4950, 0.2155, 0.2565
Android (android.graphics.Color)	4283286008 (0xFF4DC1F8)
YUV	164.5860, 41.1231, -76.8129
Hunter-Lab	68.1873, -17.0406, -35.5008

Details

The Hex color **4DC1F8** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **F8844D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **90F9FF**, and **008BBF** is the 20% darker color. If you saturate the color by 10%, you get **34B9F8**, and if you desaturate by 10%, it is **66C9F8**.

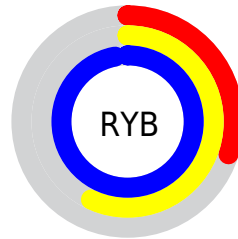
Distribution



Red (30%)

Green (76%)

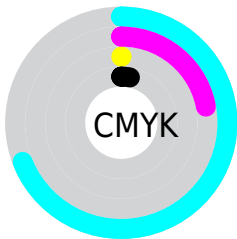
Blue (97%)



Red (30%)

Yellow (57%)

Blue (97%)

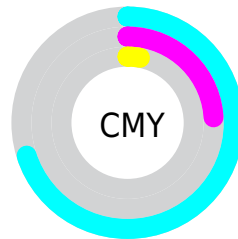


Cyan (69%)

Magenta (22%)

Yellow (0%)

Black (3%)



Cyan (70%)

Magenta (24%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DC1F8 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 4DC1F8 by changing the saturation by 10% instead.

 4DC1F8

 4DC1F8

FFFFFF

 1FA6DB

 90F9FF

 008BBF

 AFFFFFFF

 0072A4

 CDFFFF

 00598A

 ECFFFF

 004270

 002C57

 00193F

 000329

 000113

 4DC1F8

 4DC1F8

 34B9F8

 66C9F8

 1BB1F8

 7FD1F8

 03A9F8

 97D9F8

 00A8F8

 B0E1F8

 C9E9F8

 E2F1F8

 FBF9F8

 FFFFF8

Harmonies

Analogous

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



0DC7E0



4DC1F8



8FB6FE

Triad

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



4DC1F8



FC99AE



9EC07A

Complementary

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



4DC1F8



F8844D

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.



C5B66C



4DC1F8



F99E8B

Square

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



4DC1F8



EB9DD3



E5AA73



71C798

Rectangle

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



4DC1F8



B4ADF7



E5AA73



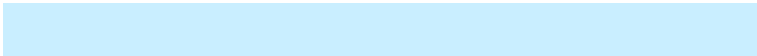
ACBD73

Sweetspot

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



4DC1F8



C9EEFF



4DF883



607580



000000



808080

Same Dimension

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



4DC1F8



2BBBF8



4D6CF8



70797D



0080BD



002A3D

Inverse Universe

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



F84DC1



FF2BBB



F8D94D



7D7079



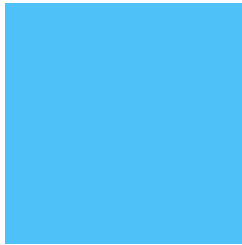
BD0080



3D002A

Previews

White Background



This preview shows how the Hex color 4DC1F8 looks on a white background.

Color Contrast Check

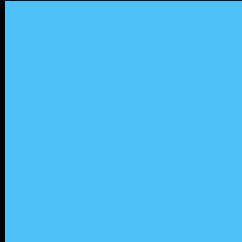
Large Text (above 18pt) WCAG AA × Fail

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 4DC1F8 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

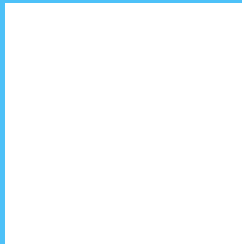
Any Text WCAG AAA ✓ Pass

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

Hex 4DC1F8 Background



This preview shows how black text looks on a background with the Hex color 4DC1F8.

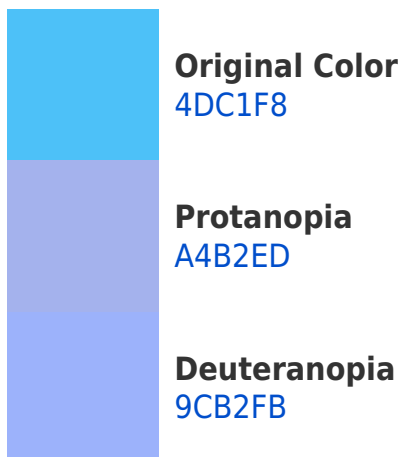


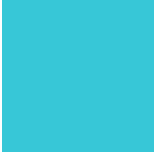
This preview shows how white text looks on a background with the Hex color 4DC1F8.

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](#).

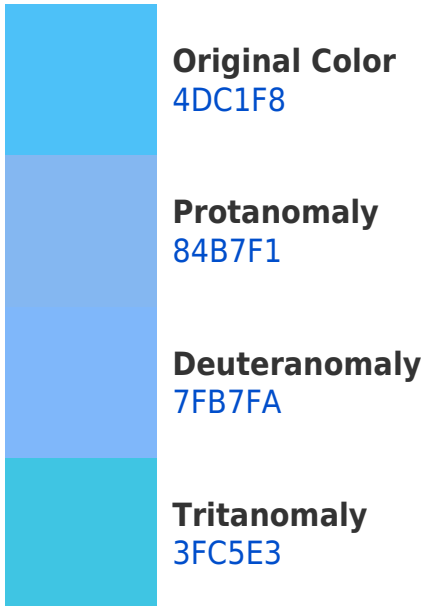
Dichromacy



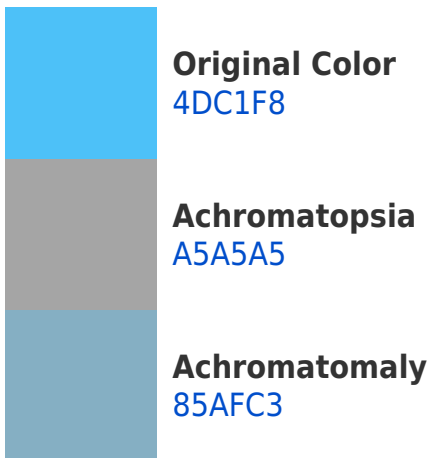


Tritanopia
37C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DC1F8 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 #4DC1F8 looks like.

```
.text, #text, p{  
    color:#4DC1F8  
}
```

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 #4DC1F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC1F8  
}
```

Border

The CSS property to change the border of an element to Hex 4DC1F8 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  
#4DC1F8 }
```

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

```
.border{ border-color:#4DC1F8 }
```

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

Here you see how a box with a 4 pixel #4DC1F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC1F8; -webkit-box-shadow:4px 4px  
4px 4px #4DC1F8; box-shadow:4px 4px 4px  
4px #4DC1F8 }
```

Background

The CSS property to change the background color of an element to Hex 4DC1F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC1F8 }
```

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

```
.background{ background-color:#4DC1F8 }
```

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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