

# Converting Colors

Hex(48D2F8)

Have a look what the booklet for  
Hex(48D2F8) contains.

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# **Color**

**Hex(48D2F8)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 48D2F8                       |
| RGB         | 72, 210, 248                 |
| RGB Percent | 28%, 82%, 97%                |
| CMY         | 0.7176, 0.1765, 0.0275       |
| CMYK        | 0.71, 0.15, 0.00, 0.03       |
| HSL         | 193°, 93%, 63%               |
| HSV         | 193°, 71%, 97%               |
| XYZ         | 42.6624, 54.2482, 97.0293    |
| YIQ         | 173.0700, -94.4460, -17.4380 |

# Conversions

## Conversions Part 2

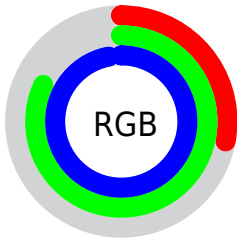
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 72, 149, 248                   |
| Decimal                             | 4772600                        |
| CIE Lab                             | 78.61, -24.96, -29.35          |
| CIE LCh                             | 79, 38.524, 229.623            |
| Yxy                                 | 54.2482, 0.2200,<br>0.2797     |
| Android<br>(android.graphics.Color) | 4282962680<br>(0xFF48D2F8)     |
| YUV                                 | 173.0700, 36.9405,<br>-88.6384 |
| Hunter-Lab                          | 73.6534, -25.5006,<br>-26.5500 |

# Details

The Hex color **48D2F8** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F86E48**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8DFFFF**, and **009BBF** is the 20% darker color. If you saturate the color by 10%, you get **2FCDF8**, and if you desaturate by 10%, it is **61D7F8**.

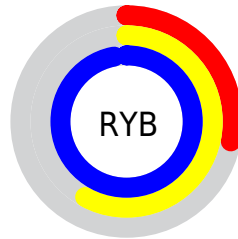
# Distribution



Red (28%)

Green (82%)

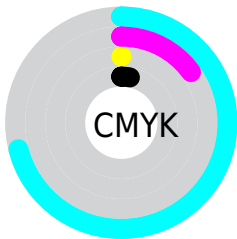
Blue (97%)



Red (28%)

Yellow (58%)

Blue (97%)

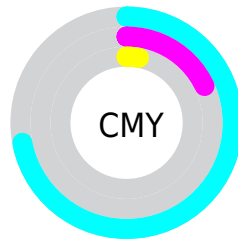


Cyan (71%)

Magenta (15%)

Yellow (0%)

Black (3%)



Cyan (72%)

Magenta (18%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48D2F8 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 48D2F8 by changing the saturation by 10% instead.



 48D2F8

 48D2F8

FFFFFF

 0FB6DB

 8DFFFF

 009BBF

 ADFFFF

 0081A4

 CCFFFF

 00688A

 EBFFFF

 004F70

 003858

 002340

 00032A

 000114

■ 48D2F8

■ 48D2F8

■ 2FCDF8

■ 61D7F8

■ 16C7F8

■ 7ADDF8

■ 00C2F8

■ 92E2F8

■ ABE7F8

■ C4EDF8

■ DDF2F8

■ F6F7F8

■ FFFDF8

■ FFFFF8

# Harmonies

## Analogous

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



45D6D9



48D2F8



7CCAFF

# Triad

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



48D2F8



FFA8D1



C3C87E

# Complementary

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



48D2F8



F86E48

# 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.



E6BC7C



48D2F8



FFA8AC

# Square

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



48D2F8



E4B1F1



FFB08D



9AD093

# Rectangle

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



48D2F8



A3C2FF



FFB08D



CFC47B

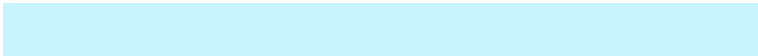


# Sweetspot

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



48D2F8



C9F3FF



48F86B



607980



000000



808080

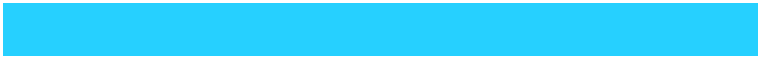


# Same Dimension

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



48D2F8



26D0FF



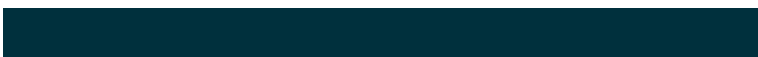
487DF8



707A7D



0094BD



00303D



# Inverse Universe

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



F848D2



FF26D0



F8C348



7D707A



BD0094

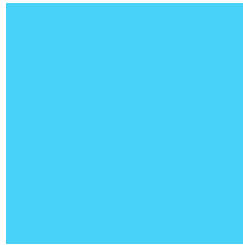


3D0030



# Previews

## White Background



This preview shows how the Hex color 48D2F8 looks on a white background.

## Color Contrast Check

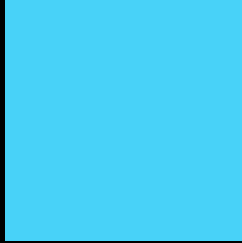
Large Text (above 18pt) WCAG AA × Fail

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 48D2F8 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 48D2F8 Background



This preview shows how black text looks on a background with the Hex color 48D2F8.

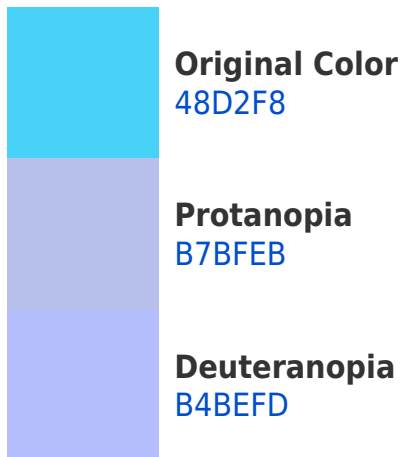


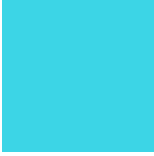
This preview shows how white text looks on a background with the Hex color 48D2F8.

# 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](#).

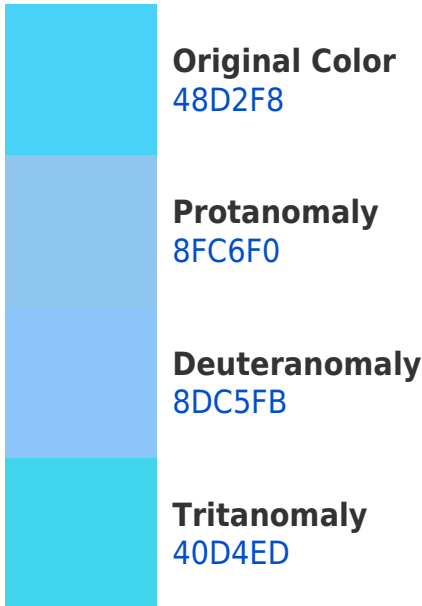
## Dichromacy



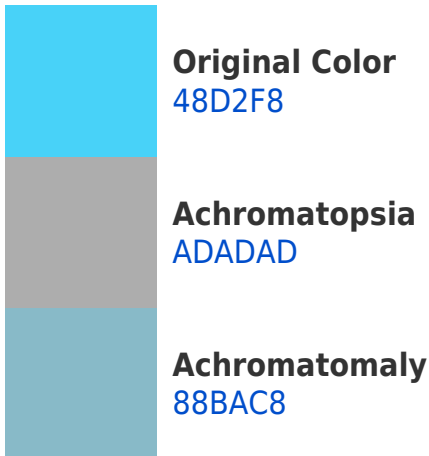


**Tritanopia**  
3CD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48D2F8 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 #48D2F8 looks like.

```
.text, #text, p{  
    color:#48D2F8  
}
```

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 #48D2F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48D2F8
}
```

## Border

The CSS property to change the border of an element to Hex 48D2F8 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
#48D2F8 }
```

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

```
.border{ border-color:#48D2F8 }
```

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

Here you see how a box with a 4 pixel #48D2F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48D2F8; -webkit-box-shadow:4px 4px  
4px 4px #48D2F8; box-shadow:4px 4px 4px  
4px #48D2F8 }
```

# Background

The CSS property to change the background color of an element to Hex 48D2F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48D2F8 }
```

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

```
.background{ background-color:#48D2F8 }
```

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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