

Converting Colors

Hex(4DA4F8)

Have a look what the booklet for
Hex(4DA4F8) contains.

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Color

Hex(4DA4F8)

Conversions

Conversions Part 1

Format	Color
Hex	4DA4F8
RGB	77, 164, 248
RGB Percent	30%, 64%, 97%
CMY	0.6980, 0.3569, 0.0275
CMYK	0.69, 0.34, 0.00, 0.03
HSL	209°, 92%, 64%
HSV	209°, 69%, 97%
XYZ	33.2793, 34.9060, 93.7905
YIQ	147.5630, -78.8160, 7.6800

Conversions

Conversions Part 2

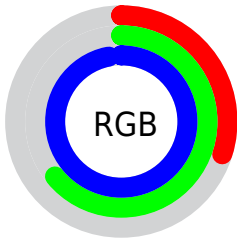
Format	Color
R _Y B	77, 135, 248
Decimal	5088504
CIE Lab	65.68, 0.36, -49.48
CIE LCh	66, 49.478, 270.418
Yxy	34.9060, 0.2055, 0.2155
Android (android.graphics.Color)	4283278584 (0xFF4DA4F8)
YUV	147.5630, 49.5154, -61.8838
Hunter-Lab	59.0813, -2.8469, -52.7648

Details

The Hex color **4DA4F8** 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 **F8A14D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **8FDBFF**, and **0071BF** is the 20% darker color. If you saturate the color by 10%, you get **3498F8**, and if you desaturate by 10%, it is **66B0F8**.

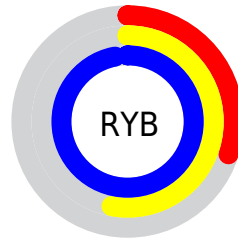
Distribution



Red (30%)

Green (64%)

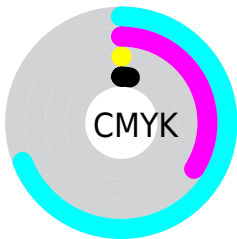
Blue (97%)



Red (30%)

Yellow (53%)

Blue (97%)

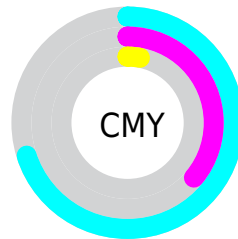


Cyan (69%)

Magenta (34%)

Yellow (0%)

Black (3%)



Cyan (70%)

Magenta (36%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4DA4F8 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 4DA4F8 by changing the saturation by 10% instead.

 4DA4F8

 4DA4F8

FFFFFF

 218ADB

 8FDBFF

 0071BF

 AEF7FF

 0059A4

 CCFFFF

 004289

 EBFFFF

 002C6F

 001956

 00063E

 000327

 000111

■ 4DA4F8

■ 4DA4F8

■ 3498F8

■ 66B0F8

■ 1B8CF8

■ 7FBCF8

■ 037FF8

■ 97C9F8

■ 007EF8

■ B0D5F8

■ C9E1F8

■ E2EDF8

■ FBF9F8

■ FFFFF8

Harmonies

Analogous

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



00AFEC



4DA4F8



A394EC

Triad

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



4DA4F8



F07F75



52B272

Complementary

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



4DA4F8



F8A14D

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.



8CAA50



4DA4F8



DC8D53

Square

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



4DA4F8



F07AA1



B99D43



00B69F

Rectangle

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



4DA4F8



C888D9



B99D43



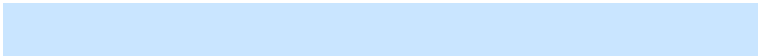
68B065

Sweetspot

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



4DA4F8



C9E5FF



4DF8A0



607080



000000



808080

Same Dimension

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



4DA4F8



2B97FF



4D50F8



70777D



0060BD



001F3D

Inverse Universe

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



F84DA4



FF2B97



F8F54D



7D7077



BD0060



3D001F

Previews

White Background



This preview shows how the Hex color 4DA4F8 looks on a white background.

Color Contrast Check

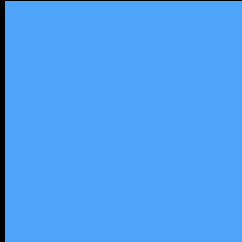
Large Text (above 18pt) WCAG AA × Fail

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 4DA4F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

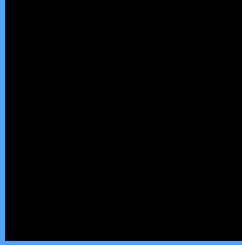
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

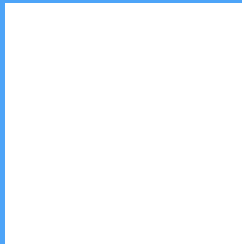
Any Text WCAG AAA ✓ Pass

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

Hex 4DA4F8 Background



This preview shows how black text looks on a background with the Hex color 4DA4F8.



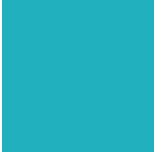
This preview shows how white text looks on a background with the Hex color 4DA4F8.

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](#).

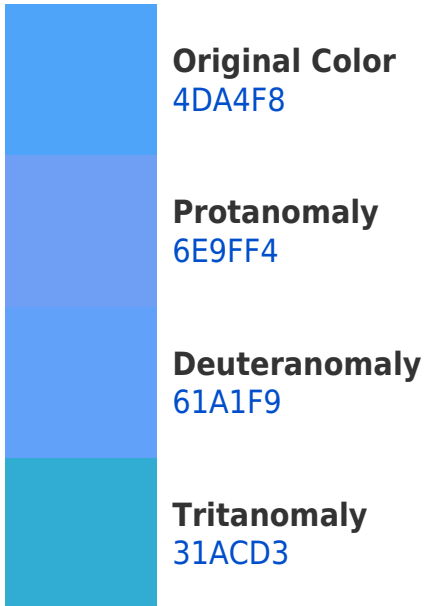
Dichromacy



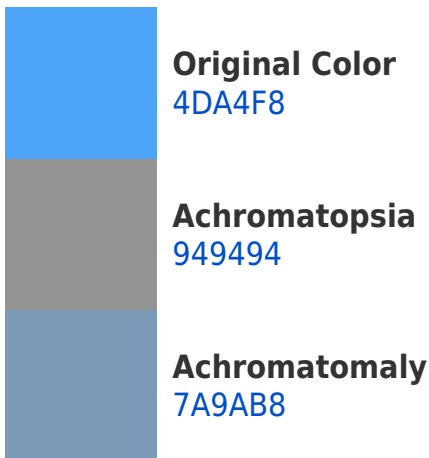


Tritanopia
21B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DA4F8 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 #4DA4F8 looks like.

```
.text, #text, p{  
    color:#4DA4F8  
}
```

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 #4DA4F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA4F8
}
```

Border

The CSS property to change the border of an element to Hex 4DA4F8 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
#4DA4F8 }
```

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

```
.border{ border-color:#4DA4F8 }
```

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

Here you see how a box with a 4 pixel #4DA4F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA4F8; -webkit-box-shadow:4px 4px  
4px 4px #4DA4F8; box-shadow:4px 4px 4px  
4px #4DA4F8 }
```

Background

The CSS property to change the background color of an element to Hex 4DA4F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA4F8 }
```

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

```
.background{ background-color:#4DA4F8 }
```

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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