

# Converting Colors

Hex(6DB9F4)

Have a look what the booklet for  
Hex(6DB9F4) contains.

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# **Color**

**Hex(6DB9F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DB9F4
RGB	109, 185, 244
RGB Percent	43%, 73%, 96%
CMY	0.5725, 0.2745, 0.0431
CMYK	0.55, 0.24, 0.00, 0.04
HSL	206°, 86%, 69%
HSV	206°, 55%, 96%
XYZ	39.9848, 44.4808, 92.0662
YIQ	169.0020, -64.2350, 2.2370

# Conversions

## Conversions Part 2

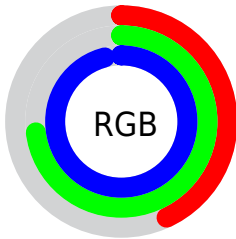
Format	Color
R <sub>Y</sub> B	109, 158, 244
Decimal	7191028
CIE Lab	72.55, -7.03, -36.45
CIE LCh	73, 37.124, 259.086
Yxy	44.4808, 0.2265, 0.2520
Android (android.graphics.Color)	4285381108 (0xFF6DB9F4)
YUV	169.0020, 36.9740, -52.6218
Hunter-Lab	66.6939, -9.6989, -35.1599

# Details

The Hex color **6DB9F4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F4A86D**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A8F1FF**, and **2A84BC** is the 20% darker color. If you saturate the color by 10%, you get **55AEF4**, and if you desaturate by 10%, it is **85C4F4**.

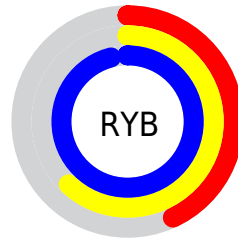
# Distribution



Red (43%)

Green (73%)

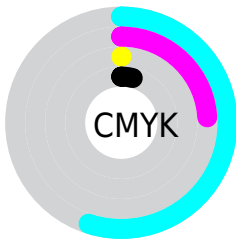
Blue (96%)



Red (43%)

Yellow (62%)

Blue (96%)

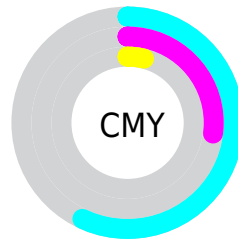


Cyan (55%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (57%)

Magenta (27%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DB9F4 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 6DB9F4 by changing the saturation by 10% instead.



 6DB9F4

 6DB9F4

FFFFFF

 4E9ED7

 A8F1FF

 2A84BC

 C6FFF

 006BA0

 E4FFF


 005386

 003C6C

 002754

 00123C

 000226

 00010F

■ 6DB9F4

■ 6DB9F4

■ 55AEF4

■ 85C4F4

■ 3CA4F4

■ 9ECEF4

■ 2499F4

■ B6D9F4

■ 0B8EF4

■ CFE4F4

■ 0089F4

■ E7EEF4

■ FFF9F4

■ FFFFF4

# Harmonies

## Analogous

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



39C1E4



6DB9F4



A4AEF2

# Triad

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



6DB9F4



F5999D



8CBF84

# Complementary

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



6DB9F4



F4A86D

# 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.



B3B771



6DB9F4



EBA080

# Square

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



6DB9F4



EC99C0



D4AC6F



61C3A4

# Rectangle

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



6DB9F4



C3A5E7



D4AC6F



99BD7C

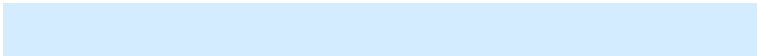


# Sweetspot

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



6DB9F4



D4ECFF



6DF4A8



667480



000000



808080



# Same Dimension

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



6DB9F4



57B5FF



6D76F4



6E757A



0069BA



00213B



# Inverse Universe

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



F46DB9



FF57B5



F4EB6D



7A6E75



BA0069

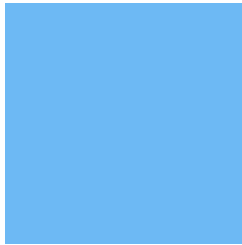


3B0021



# Previews

## White Background



This preview shows how the Hex color 6DB9F4 looks on a white background.

## Color Contrast Check

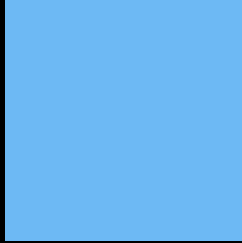
Large Text (above 18pt) WCAG AA × Fail

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 6DB9F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

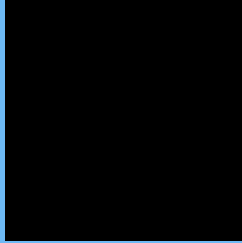
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

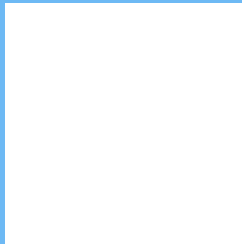
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DB9F4 Background



This preview shows how black text looks on a background with the Hex color 6DB9F4.

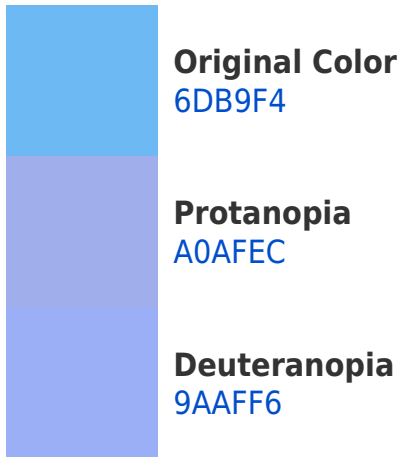


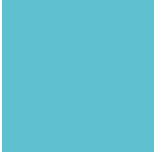
This preview shows how white text looks on a background with the Hex color 6DB9F4.

# 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](#).

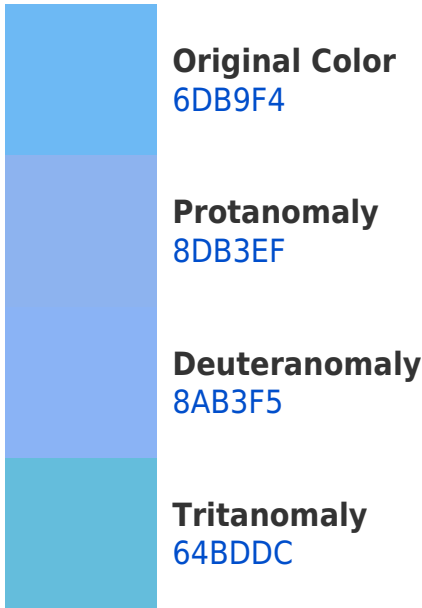
## Dichromacy



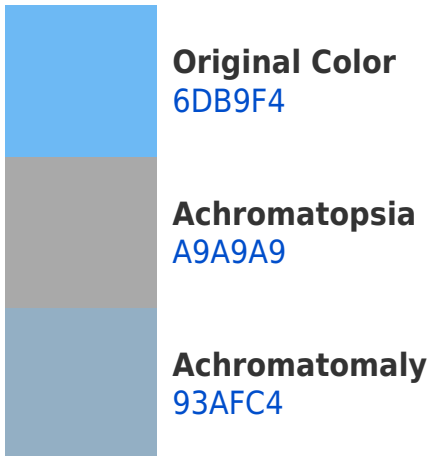


**Tritanopia**  
5FC0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DB9F4 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 #6DB9F4 looks like.

```
.text, #text, p{  
    color:#6DB9F4  
}
```

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 #6DB9F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB9F4
}
```

## Border

The CSS property to change the border of an element to Hex 6DB9F4 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
#6DB9F4 }
```

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

```
.border{ border-color:#6DB9F4 }
```

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

Here you see how a box with a 4 pixel #6DB9F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB9F4; -webkit-box-shadow:4px 4px  
4px 4px #6DB9F4; box-shadow:4px 4px 4px  
4px #6DB9F4 }
```

# Background

The CSS property to change the background color of an element to Hex 6DB9F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB9F4 }
```

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

```
.background{ background-color:#6DB9F4 }
```

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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