

Converting Colors

Hex(6DB7F6)

Have a look what the booklet for
Hex(6DB7F6) contains.

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Color

Hex(6DB7F6)

Conversions

Conversions Part 1

Format	Color
Hex	6DB7F6
RGB	109, 183, 246
RGB Percent	43%, 72%, 96%
CMY	0.5725, 0.2824, 0.0353
CMYK	0.56, 0.26, 0.00, 0.04
HSL	208°, 88%, 70%
HSV	208°, 56%, 96%
XYZ	39.8747, 43.7720, 93.5360
YIQ	168.0560, -64.3270, 3.9050

Conversions

Conversions Part 2

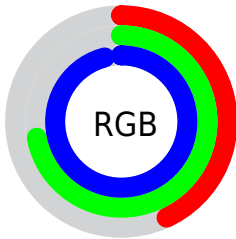
Format	Color
R _Y B	109, 157, 246
Decimal	7190518
CIE Lab	72.08, -5.33, -38.27
CIE LCh	72, 38.639, 262.064
Yxy	43.7720, 0.2250, 0.2470
Android (android.graphics.Color)	4285380598 (0xFF6DB7F6)
YUV	168.0560, 38.4264, -51.7921
Hunter-Lab	66.1604, -8.1992, -37.5105

Details

The Hex color **6DB7F6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F6AC6D**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A9EFFF**, and **2982BD** is the 20% darker color. If you saturate the color by 10%, you get **54ACF6**, and if you desaturate by 10%, it is **86C2F6**.

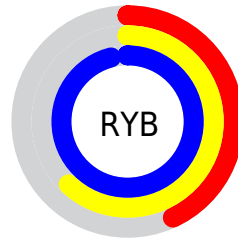
Distribution



Red (43%)

Green (72%)

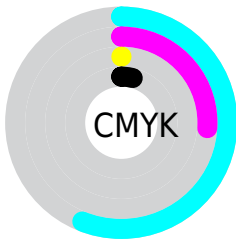
Blue (96%)



Red (43%)

Yellow (62%)

Blue (96%)

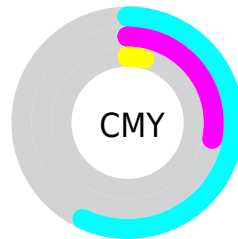


Cyan (56%)

Magenta (26%)

Yellow (0%)

Black (4%)



Cyan (57%)

Magenta (28%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DB7F6 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 6DB7F6 by changing the saturation by 10% instead.

 6DB7F6

 6DB7F6

FFFFFF

 4E9CD9

 A9EFFF

 2982BD

 C6FFFF

 0069A2

 E4FFFF

 005188

 003B6E

 002555

 00103E

 000327

 000111

■ 6DB7F6

■ 6DB7F6

■ 54ACF6

■ 86C2F6

■ 3CA0F6

■ 9ECEF6

■ 2395F6

■ B7D9F6

■ 0B8AF6

■ CFE4F6

■ 0085F6

■ E8F0F6

■ FFFBF6

■ FFFFF6

Harmonies

Analogous

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



2DBFE7



6DB7F6



A7ABF2

Triad

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



6DB7F6



F69798



85BF84

Complementary

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



6DB7F6



F6AC6D

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.



ADB76E



6DB7F6



EA9F7A

Square

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



6DB7F6



EF96BC



D0AB6B



56C3A6

Rectangle

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



6DB7F6



C7A2E5



D0AB6B



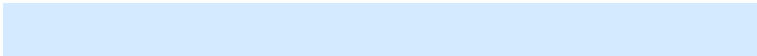
93BC7B

Sweetspot

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



6DB7F6



D4EBFF



6DF6AB



667480



000000



808080

Same Dimension

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



6DB7F6



54B0FF



6D74F6



6E757A



0065BA



00203B

Inverse Universe

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



F66DB7



FF54B0



F6EF6D



7A6E75



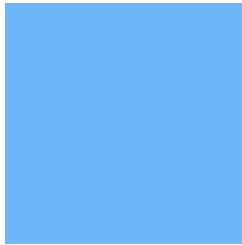
BA0065



3B0020

Previews

White Background



This preview shows how the Hex color 6DB7F6 looks on a white background.

Color Contrast Check

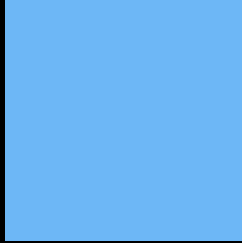
Large Text (above 18pt) WCAG AA × Fail

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 6DB7F6 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

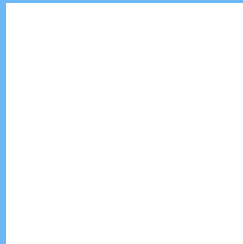
Any Text WCAG AAA ✓ Pass

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

Hex 6DB7F6 Background



This preview shows how black text looks on a background with the Hex color 6DB7F6.

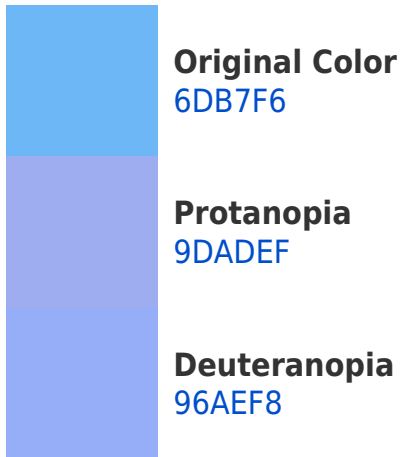


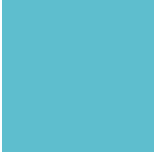
This preview shows how white text looks on a background with the Hex color 6DB7F6.

Color Blindness Simulation

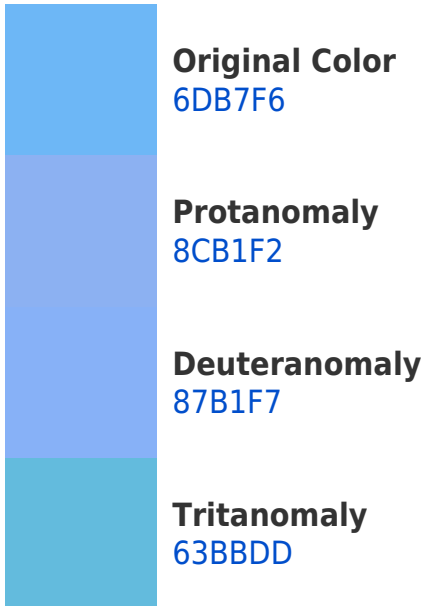
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

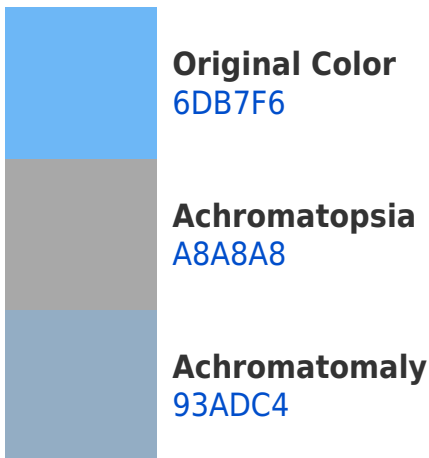




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DB7F6 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 #6DB7F6 looks like.

```
.text, #text, p{  
    color:#6DB7F6  
}
```

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 #6DB7F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB7F6
}
```

Border

The CSS property to change the border of an element to Hex 6DB7F6 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
#6DB7F6 }
```

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

```
.border{ border-color:#6DB7F6 }
```

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

Here you see how a box with a 4 pixel #6DB7F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB7F6; -webkit-box-shadow:4px 4px  
4px 4px #6DB7F6; box-shadow:4px 4px 4px  
4px #6DB7F6 }
```

Background

The CSS property to change the background color of an element to Hex 6DB7F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB7F6 }
```

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

```
.background{ background-color:#6DB7F6 }
```

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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