

# Converting Colors

Hex(6DB3F9)

Have a look what the booklet for  
Hex(6DB3F9) contains.

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# **Color**

**Hex(6DB3F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6DB3F9
RGB	109, 179, 249
RGB Percent	43%, 70%, 98%
CMY	0.5725, 0.2980, 0.0235
CMYK	0.56, 0.28, 0.00, 0.02
HSL	210°, 92%, 70%
HSV	210°, 56%, 98%
XYZ	39.5257, 42.3310, 95.7100
YIQ	166.0500, -64.1900, 6.9300

# Conversions

## Conversions Part 2

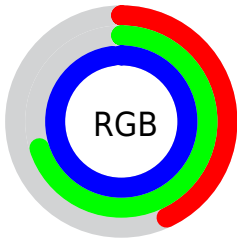
Format	Color
R <sub>Y</sub> B	109, 156, 249
Decimal	7189497
CIE Lab	71.10, -2.22, -41.42
CIE LCh	71, 41.475, 266.936
Yxy	42.3310, 0.2226, 0.2384
Android (android.graphics.Color)	4285379577 (0xFF6DB3F9)
YUV	166.0500, 40.8944, -50.0328
Hunter-Lab	65.0622, -5.4193, -41.6751

# Details

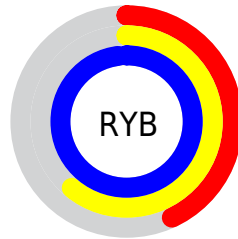
The Hex color **6DB3F9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F9B36D**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A9EBFF**, and **297FC0** is the 20% darker color. If you saturate the color by 10%, you get **54A7F9**, and if you desaturate by 10%, it is **86BFF9**.

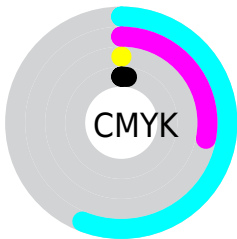
# Distribution



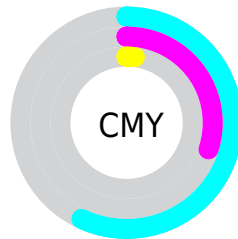
- Red (43%)
- Green (70%)
- Blue (98%)



- Red (43%)
- Yellow (61%)
- Blue (98%)



- Cyan (56%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)



- Cyan (57%)
- Magenta (30%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DB3F9 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 6DB3F9 by changing the saturation by 10% instead.



 6DB3F9

 6DB3F9

FFFFFF

 4E98DC

 A9EBFF

 297FC0

 C7FFFF

 0066A5

 E5FFFF


 004E8A

 003870

 002358

 000C40

 000329

 000113

■ 6DB3F9

■ 6DB3F9

■ 54A7F9

■ 86BFF9

■ 3B9AF9

■ 9FCCF9

■ 228EF9

■ B8D8F9

■ 0981F9

■ D1E5F9

■ 007DF9

■ E9F1F9

■ FFFE9

■ FFFF9

# Harmonies

## Analogous

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



07BDEC



6DB3F9



ACA6F1

# Triad

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



6DB3F9



F6938E



76BE84

# Complementary

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



6DB3F9



F9B36D

# 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.



A3B669



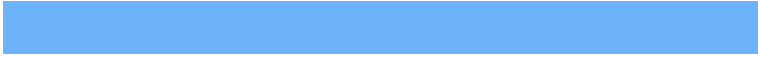
6DB3F9



E79D70

# Square

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



6DB3F9



F390B3



CAAA62



3EC2A9

# Rectangle

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



6DB3F9



CD9CE2



CAAA62

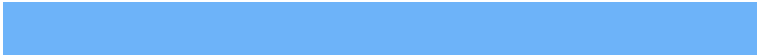


86BC79

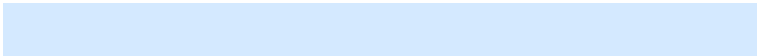


# Sweetspot

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



6DB3F9



D4E9FF



6DF9B3



667380



000000



808080



# Same Dimension

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



6DB3F9



54AAFF



6D6DF9



70777D



005EBD



001F3D



# Inverse Universe

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



F96DB3



FF54AA



F9F96D



7D7077



BD005E

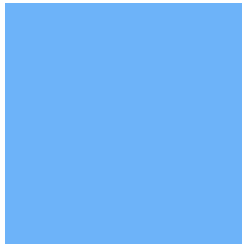


3D001F



# Previews

## White Background



This preview shows how the Hex color 6DB3F9 looks on a white background.

## Color Contrast Check

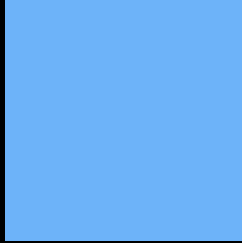
Large Text (above 18pt) WCAG AA × Fail

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 6DB3F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

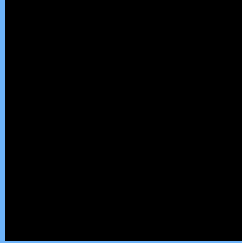
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

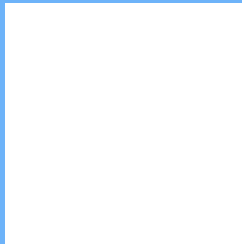
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6DB3F9 Background



This preview shows how black text looks on a background with the Hex color 6DB3F9.



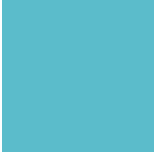
This preview shows how white text looks on a background with the Hex color 6DB3F9.

# 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](#).

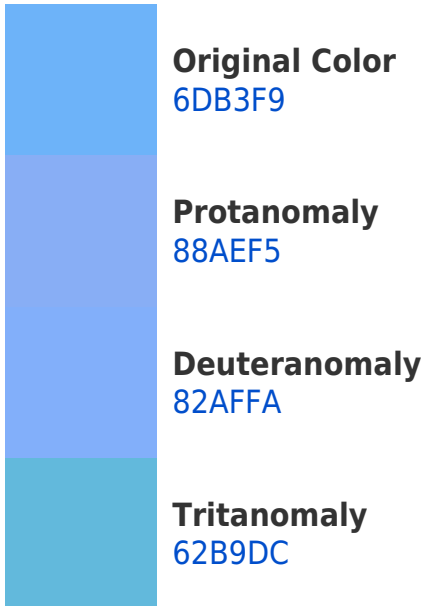
## Dichromacy



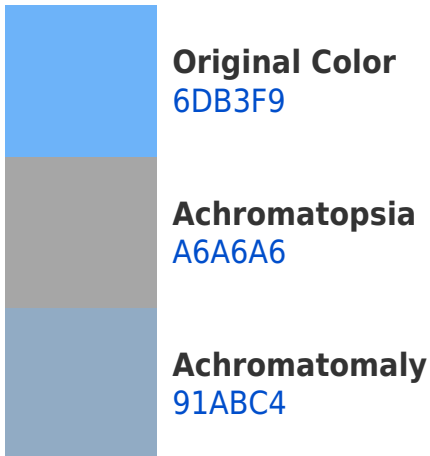


**Tritanopia**  
5BBCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DB3F9 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 #6DB3F9 looks like.

```
.text, #text, p{  
    color:#6DB3F9  
}
```

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 #6DB3F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB3F9
}
```

## Border

The CSS property to change the border of an element to Hex 6DB3F9 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
#6DB3F9 }
```

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

```
.border{ border-color:#6DB3F9 }
```

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

Here you see how a box with a 4 pixel #6DB3F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB3F9; -webkit-box-shadow:4px 4px  
4px 4px #6DB3F9; box-shadow:4px 4px 4px  
4px #6DB3F9 }
```

# Background

The CSS property to change the background color of an element to Hex 6DB3F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB3F9 }
```

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

```
.background{ background-color:#6DB3F9 }
```

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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