

# Converting Colors

Hex(69DCF0)

Have a look what the booklet for  
Hex(69DCF0) contains.

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# **Color**

**Hex(69DCF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69DCF0
RGB	105, 220, 240
RGB Percent	41%, 86%, 94%
CMY	0.5882, 0.1373, 0.0588
CMYK	0.56, 0.08, 0.00, 0.06
HSL	189°, 82%, 68%
HSV	189°, 56%, 94%
XYZ	47.1471, 60.4809, 91.6271
YIQ	187.8950, -74.9600, -18.1600

# Conversions

## Conversions Part 2

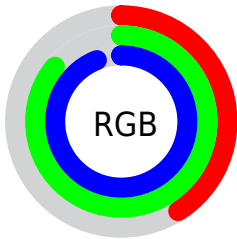
Format	Color
<a href="#">RYB</a>	105, 167, 240
Decimal	6937840
CIELab	82.10, -27.04, -19.69
CIELCh	82, 33.447, 216.055
Yxy	60.4809, 0.2366, 0.3035
Android (android.graphics.Color)	4285127920 (0xFF69DCF0)
YUV	187.8950, 25.6878, -72.6989
Hunter-Lab	77.7695, -27.8825, -15.4162

# Details

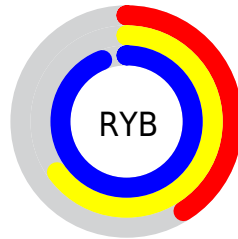
The Hex color **69DCF0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F07D69**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A6FFFF**, and **1DA5B8** is the 20% darker color. If you saturate the color by 10%, you get **51D8F0**, and if you desaturate by 10%, it is **81E0F0**.

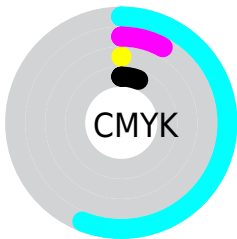
# Distribution



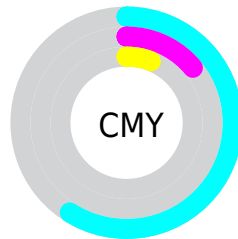
- Red (41%)
- Green (86%)
- Blue (94%)



- Red (41%)
- Yellow (65%)
- Blue (94%)



- Cyan (56%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (59%)
- Magenta (14%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69DCF0 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 69DCF0 by changing the saturation by 10% instead.



 69DCF0

 69DCF0

FFFFFF

 48C0D4

 A6FFFF

 1DA5B8

 C4FFFF

 008A9D

 E2FFFF

 007083

 00586A

 004052

 00293A

 001025

 00010E

 69DCF0

 69DCF0

 51D8F0

 81E0F0

 39D5F0

 99E3F0

 21D1F0

 B1E7F0

 09CEF0

 C9EAF0

 00CCF0

 E1EEF0

 F9F1F0

 FFF5F0

 FFF8F0

 FFFCF0

# Harmonies

## Analogous

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



75DED2



69DCF0



81D6FF

# Triad

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



69DCF0



FAB9E6



DCCC8E

# Complementary

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



69DCF0



F07D69

# 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.



F8C294



69DCF0



FFB5C7

# Square

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



69DCF0



D9C2FF



FFB9A9



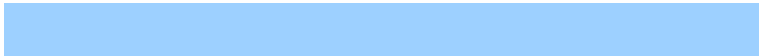
BAD599

# Rectangle

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



69DCF0



9DD0FF



FFB9A9



E6C98E

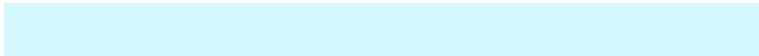


# Sweetspot

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



69DCF0



D4F9FF



69F07B



667C80



000000



808080



# Same Dimension

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



69DCF0



52E5FF



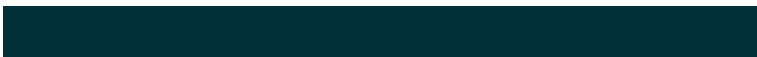
699BF0



6C7678



009CB8



003038



# Inverse Universe

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



F069DC



FF52E5



F0BE69



786C76



B8009C

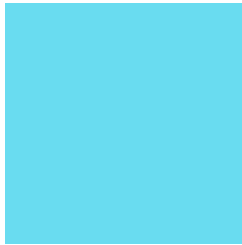


380030



# Previews

## White Background



This preview shows how the Hex color 69DCF0 looks on a white background.

## Color Contrast Check

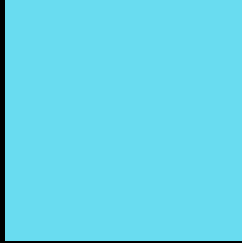
Large Text (above 18pt) WCAG AA × Fail

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 69DCF0 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 69DCF0 Background



This preview shows how black text looks on a background with the Hex color 69DCF0.

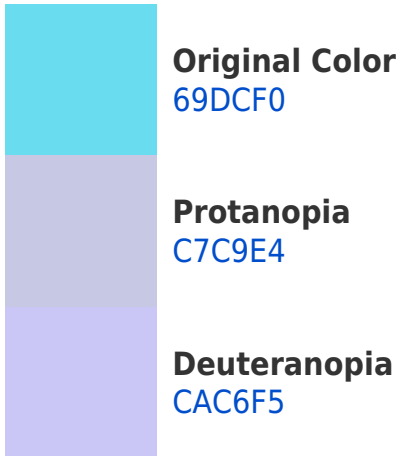


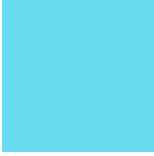
This preview shows how white text looks on a background with the Hex color 69DCF0.

# 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](#).

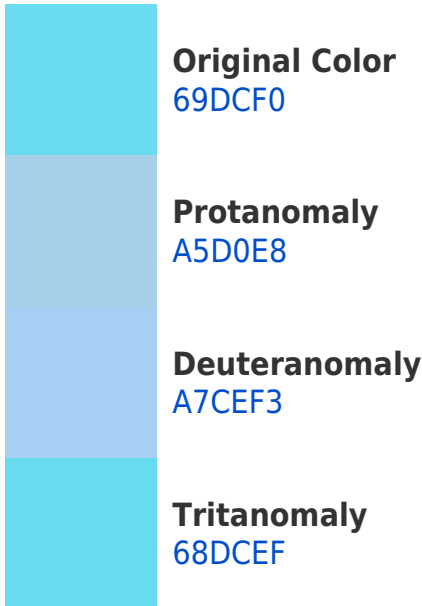
## Dichromacy





**Tritanopia**  
68DCEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69DCF0 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 #69DCF0 looks like.

```
.text, #text, p{  
    color:#69DCF0  
}
```

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 #69DCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69DCF0  
}
```

## Border

The CSS property to change the border of an element to Hex 69DCF0 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  
#69DCF0 }
```

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

```
.border{ border-color:#69DCF0 }
```

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

Here you see how a box with a 4 pixel #69DCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69DCF0; -webkit-box-shadow:4px 4px  
4px 4px #69DCF0; box-shadow:4px 4px 4px  
4px #69DCF0 }
```

# Background

The CSS property to change the background color of an element to Hex 69DCF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69DCF0 }
```

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

```
.background{ background-color:#69DCF0 }
```

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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