

Converting Colors

Hex(69DAF0)

Have a look what the booklet for
Hex(69DAF0) contains.

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Color

Hex(69DAF0)

Conversions

Conversions Part 1

Format	Color
Hex	69DAF0
RGB	105, 218, 240
RGB Percent	41%, 85%, 94%
CMY	0.5882, 0.1451, 0.0588
CMYK	0.56, 0.09, 0.00, 0.06
HSL	190°, 82%, 68%
HSV	190°, 56%, 94%
XYZ	46.6253, 59.4373, 91.4532
YIQ	186.7210, -74.4100, -17.1140

Conversions

Conversions Part 2

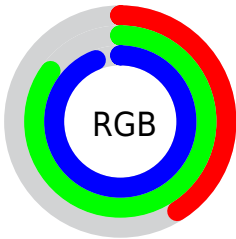
Format	Color
RYB	105, 167, 240
Decimal	6937328
CIELab	81.53, -26.06, -20.54
CIELCh	82, 33.184, 218.251
Yxy	59.4373, 0.2361, 0.3009
Android (android.graphics.Color)	4285127408 (0xFF69DAF0)
YUV	186.7210, 26.2665, -71.6693
Hunter-Lab	77.0956, -26.9655, -16.3647

Details

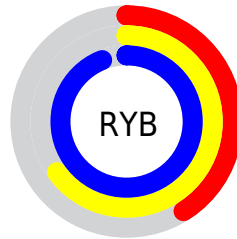
The Hex color **69DAF0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F07F69**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A6FFFF**, and **1EA3B8** is the 20% darker color. If you saturate the color by 10%, you get **51D6F0**, and if you desaturate by 10%, it is **81DEF0**.

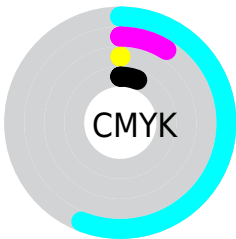
Distribution



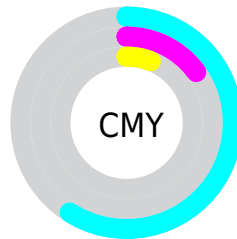
- Red (41%)
- Green (85%)
- Blue (94%)



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



- Cyan (56%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (59%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69DAF0 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 69DAF0 by changing the saturation by 10% instead.

 69DAF0

 69DAF0

FFFFFF

 48BED4


 A6FFFF

 1EA3B8

 C4FFFF

 00889D

 E2FFFF

 006F83

 00566A

 003E51

 00283A

 000D25

 00010E

 69DAF0

 69DAF0

 51D6F0

 81DEF0

 39D2F0

 99E2F0

 21CEF0

 B1E6F0

 09CAF0

 C9EAF0

 00C9F0

 E1EEF0

 F9F1F0

 FFF5F0

 FFF9F0

 FFFDF0

Harmonies

Analogous

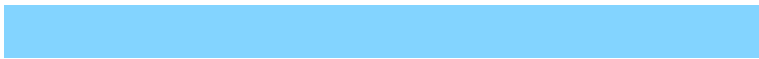
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72DCD2



69DAF0



83D4FF

Triad

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



69DAF0



F9B7E2



D8CB8D

Complementary

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



69DAF0



F07F69

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.



F4C192



69DAF0



FFB4C3

Square

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



69DAF0



DAC0FB



FFB8A6



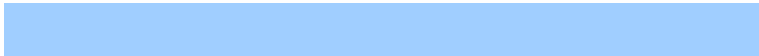
B6D499

Rectangle

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



69DAF0



A0CEFF



FFB8A6



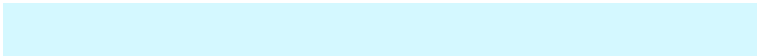
E2C88D

Sweetspot

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



69DAF0



D4F8FF



69F07D



667B80



000000



808080

Same Dimension

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



69DAF0



52E3FF



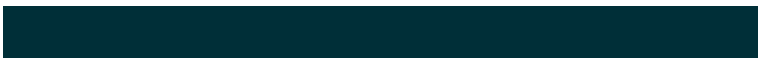
6998F0



6C7678



009AB8



002F38

Inverse Universe

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



F069DA



FF52E3



F0C169



786C76



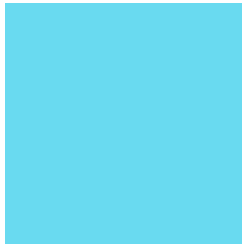
B8009A



38002F

Previews

White Background



This preview shows how the Hex color 69DAF0 looks on a white background.

Color Contrast Check

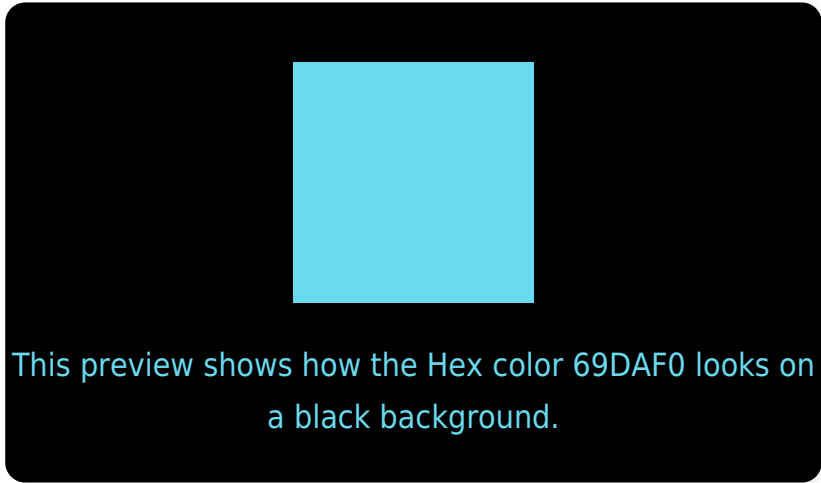
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 69DAF0 Background



This preview shows how black text looks on a background with the Hex color 69DAF0.

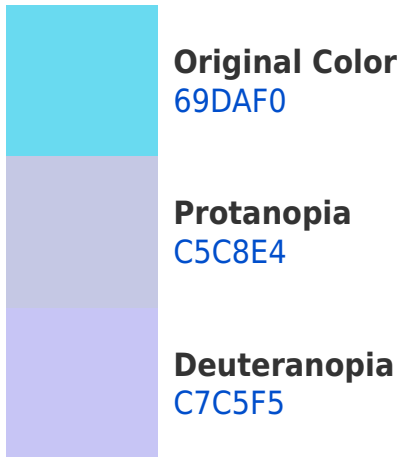


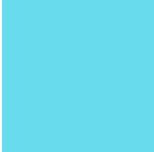
This preview shows how white text looks on a background with the Hex color 69DAF0.

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](#).

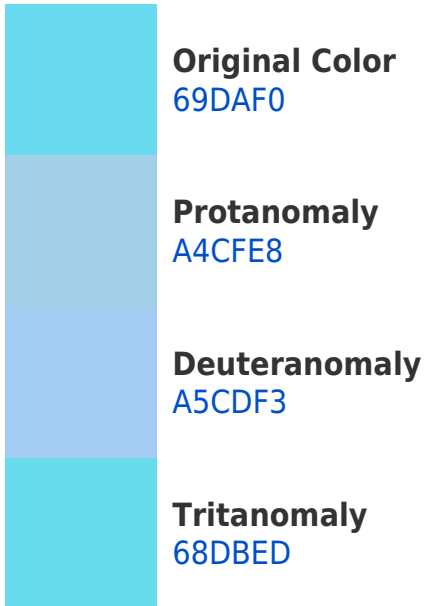
Dichromacy



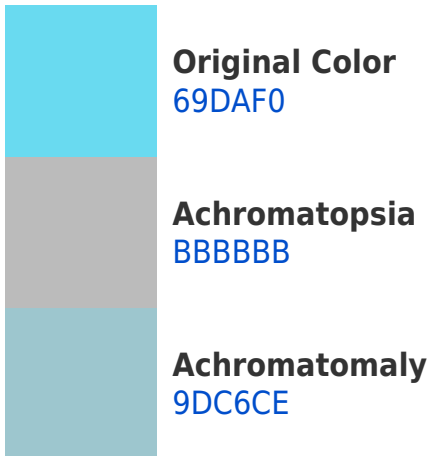


Tritanopia
68DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69DAF0 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 #69DAF0 looks like.

```
.text, #text, p{  
    color:#69DAF0  
}
```

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 #69DAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69DAF0
}
```

Border

The CSS property to change the border of an element to Hex 69DAF0 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
#69DAF0 }
```

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

```
.border{ border-color:#69DAF0 }
```

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

Here you see how a box with a 4 pixel #69DAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69DAF0; -webkit-box-shadow:4px 4px  
4px 4px #69DAF0; box-shadow:4px 4px 4px  
4px #69DAF0 }
```

Background

The CSS property to change the background color of an element to Hex 69DAF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69DAF0 }
```

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

```
.background{ background-color:#69DAF0 }
```

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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