

Converting Colors

Hex(69DFDF)

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

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Color

Hex(69DFDF)

Conversions

Conversions Part 1

Format	Color
Hex	69DFDF
RGB	105, 223, 223
RGB Percent	41%, 87%, 87%
CMY	0.5882, 0.1255, 0.1255
CMYK	0.53, 0.00, 0.00, 0.13
HSL	180°, 65%, 64%
HSV	180°, 53%, 87%
XYZ	45.5327, 61.1063, 79.2069
YIQ	187.7180, -70.3280, -25.0160

Conversions

Conversions Part 2

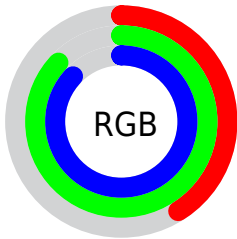
Format	Color
RYB	105, 164, 223
Decimal	6938591
CIELab	82.44, -33.06, -10.16
CIELCh	82, 34.588, 197.074
Yxy	61.1063, 0.2450, 0.3288
Android (android.graphics.Color)	4285128671 (0xFF69DFDF)
YUV	187.7180, 17.3940, -72.5437
Hunter-Lab	78.1705, -32.8260, -5.3567

Details

The Hex color **69DFDF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF6969**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A5FFFF**, and **21A7A8** is the 20% darker color. If you saturate the color by 10%, you get **53DFDF**, and if you desaturate by 10%, it is **7FDFDF**.

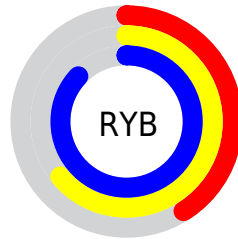
Distribution



Red (41%)

Green (87%)

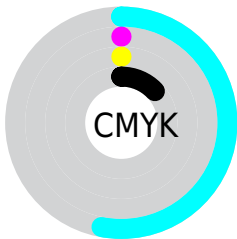
Blue (87%)



Red (41%)

Yellow (64%)

Blue (87%)

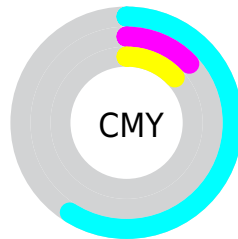


Cyan (53%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (59%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

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

 69DFDF

 69DFDF

FFFFFF

 49C3C3

 A5FFFF

 21A7A8

 C3FFFF

 008D8E

 E1FFFF

 007374

 005A5B

 004144

 002B2E

 00111A

 000000

■ 69DFDF

■ 69DFDF

■ 53DFDF

■ 7FDFDF

■ 3CDFDF

■ 96DFDF

■ 26DFDF

■ ACDFDF

■ 10DFDF

■ C2DFDF

■ 00DFDF

■ D9DFDF

■ EFDfdf

■ FFDFDF

Harmonies

Analogous

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



87DEBE



69DFDF



6ADCFC

Triad

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



69DFDF



E8BEFA



F1C68E

Complementary

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



69DFDF



DF6969

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.



FFBC9F



69DFDF



FFB6DD

Square

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



69DFDF



BECAFF



FFB5BC



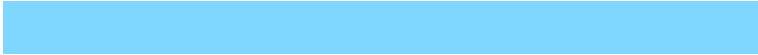
D1D18E

Rectangle

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



69DFDF



7FD7FF



FFB5BC



F9C392

Sweetspot

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



69DFDF



D6FFFF



69DF69



678080



000000



808080

Same Dimension

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



69DFDF



5EFFFF



69A4DF



657070



00B0B0



003030

Inverse Universe

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



DF69DF



FF5EFF



DFA469



706570



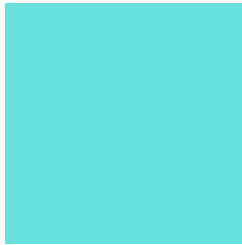
B000B0



300030

Previews

White Background



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

Color Contrast Check

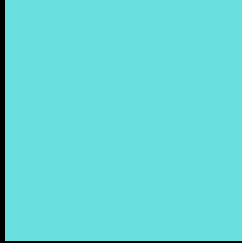
Large Text (above 18pt) WCAG AA × Fail

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 69DFDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

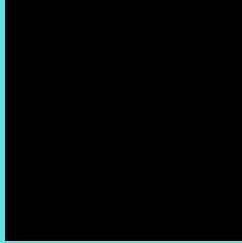
Any Text WCAG AA ✓ Pass

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 69DFDF Background



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

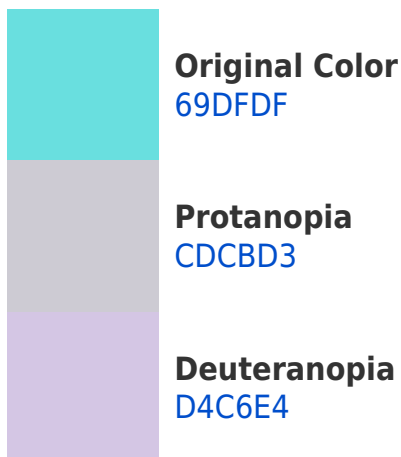


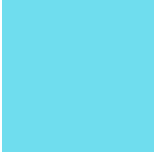
This preview shows how white text looks on a background with the Hex color 69DFDF.

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
6FDDEE

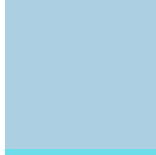
Trichromacy



Original Color
69DFDF



Protanomaly
A9D2D7



Deuteranomaly
ADCFE2

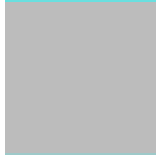


Tritanomaly
6DDEE9

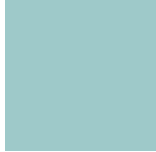
Monochromacy



Original Color
69DFDF



Achromatopsia
BCBCBC



Achromatomaly
9EC9C9

CSS Examples

Text

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

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

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 #69DFDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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