

# Converting Colors

Hex(69D3D8)

Have a look what the booklet for  
Hex(69D3D8) contains.

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**Color**

**Hex(69D3D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69D3D8
RGB	105, 211, 216
RGB Percent	41%, 83%, 85%
CMY	0.5882, 0.1725, 0.1529
CMYK	0.51, 0.02, 0.00, 0.15
HSL	183°, 59%, 63%
HSV	183°, 51%, 85%
XYZ	41.5146, 54.5497, 73.3068
YIQ	179.8760, -64.7810, -20.9170

# Conversions

## Conversions Part 2

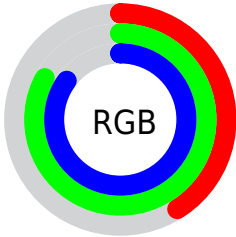
Format	Color
R <sub>Y</sub> B	105, 159, 216
Decimal	6935512
CIE Lab	78.78, -29.17, -11.87
CIE LCh	79, 31.498, 202.148
Yxy	54.5497, 0.2451, 0.3221
Android (android.graphics.Color)	4285125592 (0xFF69D3D8)
YUV	179.8760, 17.8091, -65.6663
Hunter-Lab	73.8577, -28.9181, -7.1473

# Details

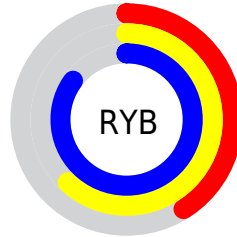
The Hex color **69D3D8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D86E69**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A4FFFF**, and **269CA1** is the 20% darker color. If you saturate the color by 10%, you get **53D2D8**, and if you desaturate by 10%, it is **7FD4D8**.

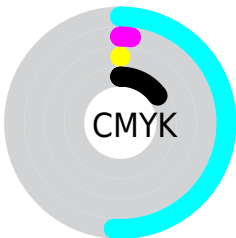
# Distribution



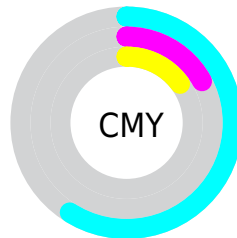
- Red (41%)
- Green (83%)
- Blue (85%)



- Red (41%)
- Yellow (62%)
- Blue (85%)



- Cyan (51%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (59%)
- Magenta (17%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69D3D8 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 69D3D8 by changing the saturation by 10% instead.



 69D3D8

 69D3D8

FFFFFF

 4AB7BC

 A4FFFF

 269CA1

 C1FFFF

 008287

 DFFFFF

 00686E

FDFFFF

 005055

 00383E

 002328

 000114

 000000

■ 69D3D8

■ 69D3D8

■ 53D2D8

■ 7FD4D8

■ 3ED1D8

■ 94D5D8

■ 28D0D8

■ AAD6D8

■ 13CFD8

■ BFD7D8

■ 00CED8

■ D5D8D8

■ EBD9D8

■ FFDAD8

■ FFD8D8

■ FFDCD8

# Harmonies

## Analogous

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



7FD3BA



69D3D8



70CFF0

# Triad

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



69D3D8



E1B4E7



DFBE89

# Complementary

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



69D3D8



D86E69

# 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.



F5B596



69D3D8



F8AECC

# Square

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



69D3D8



BDBEF9



FEAEAE



C1C88C

# Rectangle

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



69D3D8



85CBFA



FEAEAE



E7BB8C

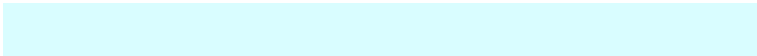


# Sweetspot

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



69D3D8



D9FDFD



69D86D



697E80



000000



808080



# Same Dimension

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



69D3D8



61F8FF



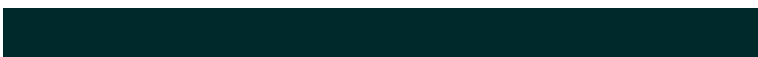
699DD8



606B6B



00A3AB



00292B



# Inverse Universe

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



D869D3



FF61F8



D8A469



6B606B



AB00A3

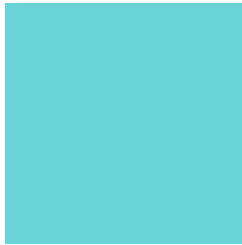


2B0029



# Previews

## White Background



This preview shows how the Hex color 69D3D8 looks on a white background.

## Color Contrast Check

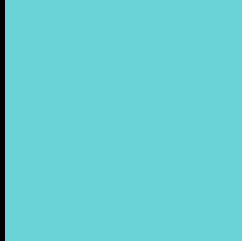
Large Text (above 18pt) WCAG AA × Fail

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 69D3D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

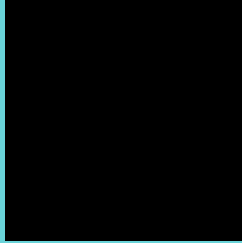
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

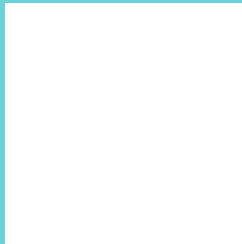
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69D3D8 Background



This preview shows how black text looks on a background with the Hex color 69D3D8.

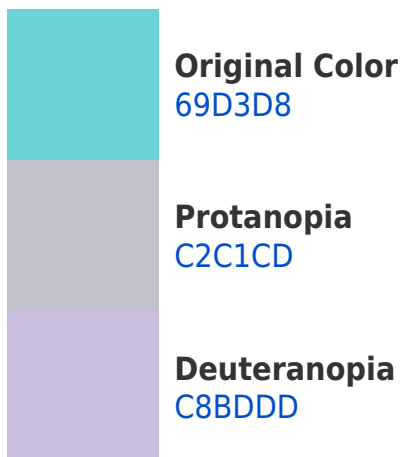


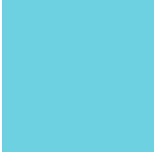
This preview shows how white text looks on a background with the Hex color 69D3D8.

# 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](#).

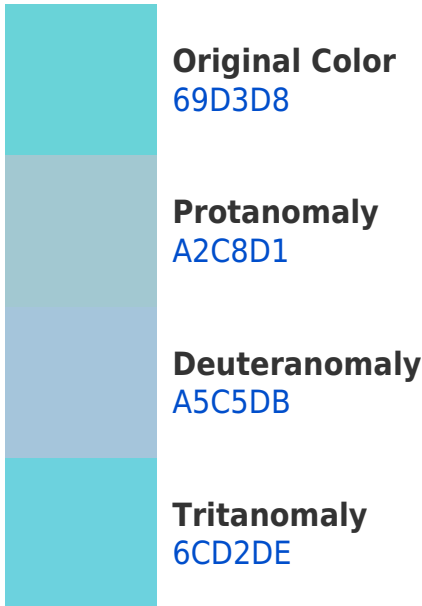
## Dichromacy





**Tritanopia**  
6DD1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69D3D8 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 #69D3D8 looks like.

```
.text, #text, p{  
    color:#69D3D8  
}
```

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 #69D3D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69D3D8
}
```

## Border

The CSS property to change the border of an element to Hex 69D3D8 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
#69D3D8 }
```

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

```
.border{ border-color:#69D3D8 }
```

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

Here you see how a box with a 4 pixel #69D3D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69D3D8; -webkit-box-shadow:4px 4px  
4px 4px #69D3D8; box-shadow:4px 4px 4px  
4px #69D3D8 }
```

# Background

The CSS property to change the background color of an element to Hex 69D3D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69D3D8 }
```

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

```
.background{ background-color:#69D3D8 }
```

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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