

# Converting Colors

Hex(69C1D5)

Have a look what the booklet for  
Hex(69C1D5) contains.

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# **Color**

**Hex(69C1D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69C1D5
RGB	105, 193, 213
RGB Percent	41%, 76%, 84%
CMY	0.5882, 0.2431, 0.1647
CMYK	0.51, 0.09, 0.00, 0.16
HSL	191°, 56%, 62%
HSV	191°, 51%, 84%
XYZ	36.9059, 45.9473, 69.8744
YIQ	168.9680, -58.8680, -12.4360

# Conversions

## Conversions Part 2

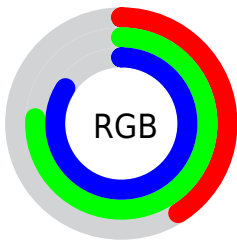
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 153, 213</a>
Decimal	<a href="#">6930901</a>
CIELab	<a href="#">73.51, -21.05, -18.18</a>
CIELCh	<a href="#">74, 27.816, 220.815</a>
Yxy	<a href="#">45.9473, 0.2416, 0.3008</a>
Android (android.graphics.Color)	<a href="#">4285120981 (0xFF69C1D5)</a>
YUV	<a href="#">168.9680, 21.7078, -56.0999</a>
Hunter-Lab	<a href="#">67.7844, -21.4366, -13.6689</a>

# Details

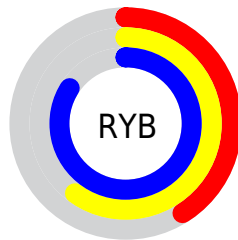
The Hex color **69C1D5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D57D69**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A3FAFF**, and **2A8B9E** is the 20% darker color. If you saturate the color by 10%, you get **54BDD5**, and if you desaturate by 10%, it is **7EC5D5**.

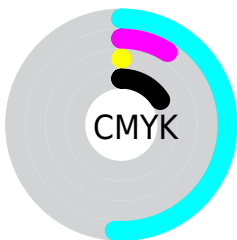
# Distribution



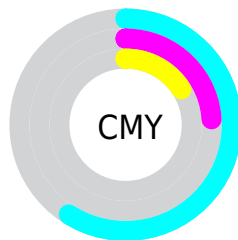
- Red (41%)
- Green (76%)
- Blue (84%)



- Red (41%)
- Yellow (60%)
- Blue (84%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (59%)
- Magenta (24%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69C1D5 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 69C1D5 by changing the saturation by 10% instead.



 69C1D5

 69C1D5

FFFFFF

 4BA6B9

 A3FAFF

 2A8B9E

 C0FFFF

 007284

 DDFFFF

 00596B

 FBFFFF

 004153

 002B3C

 001626

 000110

 000000

69C1D5

69C1D5

54BDD5

7EC5D5

3EB9D5

94C9D5

29B5D5

A9CDD5

14B1D5

BED1D5

00AED5

D4D5D5

E9D9D5

FEDDD5

FFE1D5

FFE5D5

# Harmonies

## Analogous

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



6DC3BD



69C1D5



7FBCE4

# Triad

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



69C1D5



DDA4C6



BEB682

# Complementary

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



69C1D5



D57D69

# 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.



D6AD85



69C1D5



E8A2AC

# Square

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



69C1D5



C4ABDB



E5A694



A1BD8D

# Rectangle

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



69C1D5



96B7E7



E5A694



C6B382

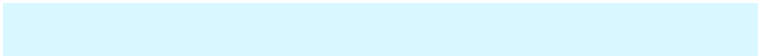


# Sweetspot

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



69C1D5



D9F8FF



69D57D



697B80



000000



808080



# Same Dimension

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



69C1D5



63E2FF



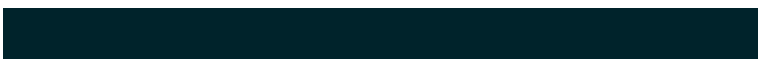
698BD5



60696B



008BAB



00232B



# Inverse Universe

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



D569C1



FF63E2



D5B369



6B6069



AB008B

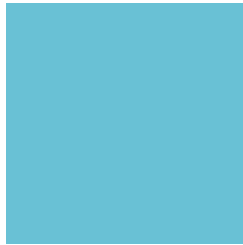


2B0023



# Previews

## White Background



This preview shows how the Hex color 69C1D5 looks on a white background.

## Color Contrast Check

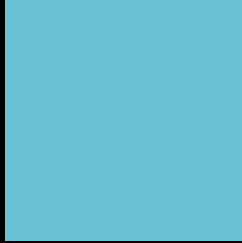
Large Text (above 18pt) WCAG AA × Fail

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 69C1D5 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 69C1D5 Background



This preview shows how black text looks on a background with the Hex color 69C1D5.

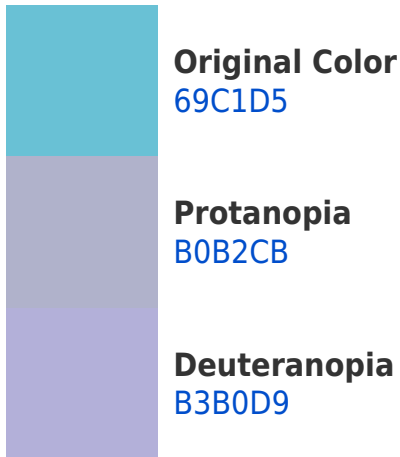


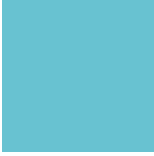
This preview shows how white text looks on a background with the Hex color 69C1D5.

# 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](#).

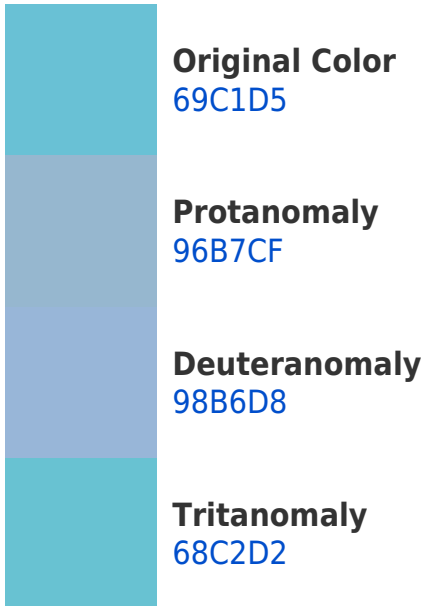
## Dichromacy



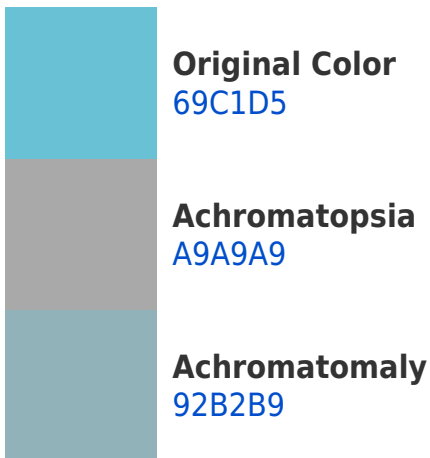


**Tritanopia**  
68C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69C1D5 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 #69C1D5 looks like.

```
.text, #text, p{  
    color:#69C1D5  
}
```

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 #69C1D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69C1D5
}
```

## Border

The CSS property to change the border of an element to Hex 69C1D5 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
#69C1D5 }
```

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

```
.border{ border-color:#69C1D5 }
```

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

Here you see how a box with a 4 pixel #69C1D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69C1D5; -webkit-box-shadow:4px 4px  
4px 4px #69C1D5; box-shadow:4px 4px 4px  
4px #69C1D5 }
```

# Background

The CSS property to change the background color of an element to Hex 69C1D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69C1D5 }
```

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

```
.background{ background-color:#69C1D5 }
```

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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