

# Converting Colors

Hex(69CEC0)

Have a look what the booklet for  
Hex(69CEC0) contains.

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# Color

**Hex(69CEC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69CEC0
RGB	105, 206, 192
RGB Percent	41%, 81%, 75%
CMY	0.5882, 0.1922, 0.2471
CMYK	0.49, 0.00, 0.07, 0.19
HSL	172°, 51%, 61%
HSV	172°, 49%, 81%
XYZ	37.4114, 50.9516, 57.7320
YIQ	174.2050, -55.7020, -25.7660

# Conversions

## Conversions Part 2

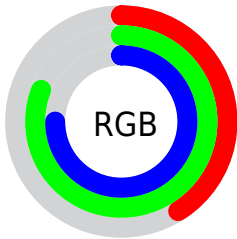
Format	Color
R <sub>Y</sub> B	105, 159, 206
Decimal	6934208
CIE Lab	76.65, -32.92, -2.14
CIE LCh	77, 32.991, 183.711
Yxy	50.9516, 0.2561, 0.3488
Android (android.graphics.Color)	4285124288 (0xFF69CEC0)
YUV	174.2050, 8.7729, -60.6928
Hunter-Lab	71.3804, -31.3615, 2.0129

# Details

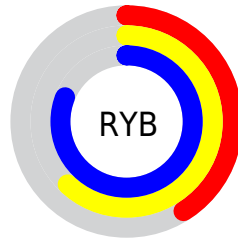
The Hex color **69CEC0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE6977**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **A2FFF8**, and **2B978B** is the 20% darker color. If you saturate the color by 10%, you get **54CEBD**, and if you desaturate by 10%, it is **7ECEC3**.

# Distribution



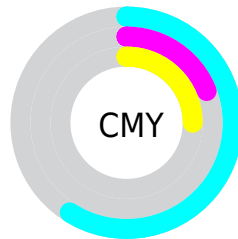
- Red (41%)
- Green (81%)
- Blue (75%)



- Red (41%)
- Yellow (62%)
- Blue (81%)



- Cyan (49%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (59%)
- Magenta (19%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69CEC0 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 69CEC0 by changing the saturation by 10% instead.



 69CEC0

 69CEC0

FFFFFF

 4CB2A5

 A2FFF8

 2B978B

 BFFFFFF

 007D71

 DDDFFF

 006459

 FFFFFFF

 004B41

 00342C

 002017

 000000

 69CEC0

 69CEC0

■ 54CEBD

■ 7ECEC3

■ 40CEBA

■ 92CEC6

■ 2BCEB7

■ A7CEC9

■ 17CEB5

■ BBCECB

■ 02CEB2

■ D0CECE

■ 00CEB1

■ E5CED1

■ F9CED4

■ FFCED7

■ FFCEDA

# Harmonies

## Analogous

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



8ACCA1



69CEC0



5ACDDE

# Triad

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



69CEC0



C6B4F0



E9B287

# Complementary

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



69CEC0



CE6977

# 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.



F8A99D



69CEC0



E7AAD9

# Square

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



69CEC0



9BBFFA



F8A6BA



CFBC80

# Rectangle

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



69CEC0



64CAED



F8A6BA



F0AF8D

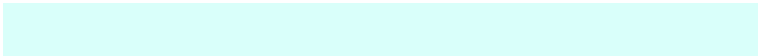


# Sweetspot

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



69CEC0



D9FFFA



78CE69



69807C



000000



808080



# Same Dimension

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



69CEC0



69FFEA



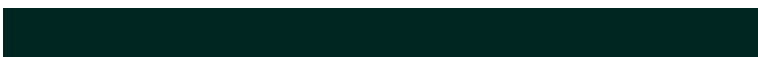
69ABCE



5C6665



00A68F



002621



# Inverse Universe

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



CE6977



FF697D



CE8C69



665C5D



A60017

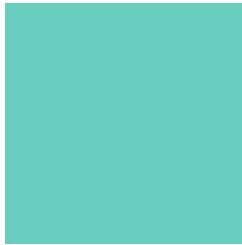


260005



# Previews

## White Background



This preview shows how the Hex color 69CEC0 looks on a white background.

## Color Contrast Check

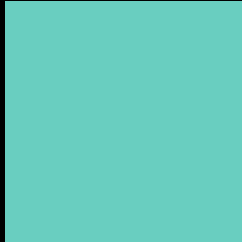
Large Text (above 18pt) WCAG AA × Fail

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 69CEC0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

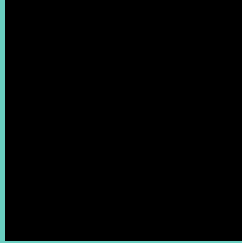
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

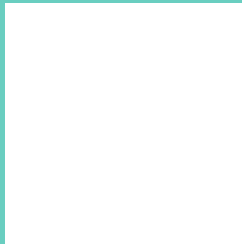
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69CEC0 Background



This preview shows how black text looks on a background with the Hex color 69CEC0.



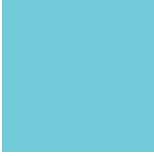
This preview shows how white text looks on a background with the Hex color 69CEC0.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69CEC0 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 #69CEC0 looks like.

```
.text, #text, p{  
    color:#69CEC0  
}
```

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 #69CEC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69CEC0
}
```

## Border

The CSS property to change the border of an element to Hex 69CEC0 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
#69CEC0 }
```

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

```
.border{ border-color:#69CEC0 }
```

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

Here you see how a box with a 4 pixel #69CEC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69CEC0; -webkit-box-shadow:4px 4px  
4px 4px #69CEC0; box-shadow:4px 4px 4px  
4px #69CEC0 }
```

# Background

The CSS property to change the background color of an element to Hex 69CEC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69CEC0 }
```

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

```
.background{ background-color:#69CEC0 }
```

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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