

# Converting Colors

Hex(69CECE)

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

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# Color

**Hex(69CECE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69CECE
RGB	105, 206, 206
RGB Percent	41%, 81%, 81%
CMY	0.5882, 0.1922, 0.1922
CMYK	0.49, 0.00, 0.00, 0.19
HSL	180°, 51%, 61%
HSV	180°, 49%, 81%
XYZ	39.0376, 51.6021, 66.2952
YIQ	175.8010, -60.1960, -21.4120

# Conversions

## Conversions Part 2

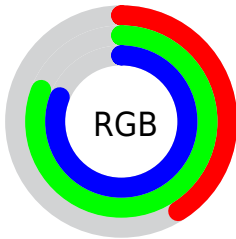
Format	Color
R <sub>YB</sub>	105, 156, 206
Decimal	6934222
CIE Lab	77.04, -29.38, -9.10
CIE LCh	77, 30.755, 197.202
Yxy	51.6021, 0.2488, 0.3288
Android (android.graphics.Color)	4285124302 (0xFF69CECE)
YUV	175.8010, 14.8881, -62.0925
Hunter-Lab	71.8346, -28.7070, -4.4338

# Details

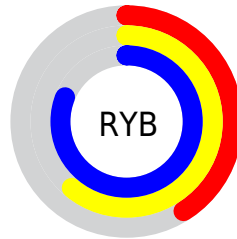
The Hex color **69CECE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE6969**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A3FFFF**, and **299798** is the 20% darker color. If you saturate the color by 10%, you get **54CECE**, and if you desaturate by 10%, it is **7ECECE**.

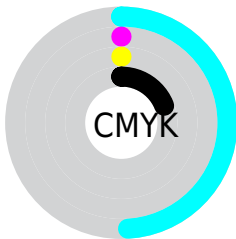
# Distribution



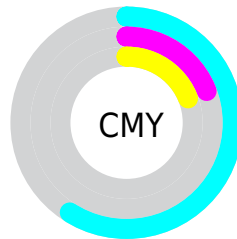
- Red (41%)
- Green (81%)
- Blue (81%)



- Red (41%)
- Yellow (61%)
- Blue (81%)



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



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

# Brightness & Saturation Gradients

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



 69CECE

 69CECE

FFFFFF

 4BB2B3

 A3FFFF

 299798

 C0FFFF

 007D7E

 DEFFFF

 006465

 FCFFFF

 004B4D

 003436

 002121

 00000A

 000000

 69CECE

 69CECE

 54CECE

 7ECECE

 40CECE

 92CECE

 2BCECE

 A7CECE

 17CECE

 BBCECE

 02CECE

 D0CECE

 00CECE

 E5CECE

 F9CECE

 FFCECE

# Harmonies

## Analogous

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



81CDB1



69CECE



6ACBE7

# Triad

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



69CECE



D6B1E5



DEB887

# Complementary

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



69CECE



CE6969

# 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.



F1AF96



69CECE



EFAACC

# Square

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



69CECE



B2BBF4



F8AAAF



C2C287

# Rectangle

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



69CECE



7CC7F2



F8AAAF



E5B58A



# Sweetspot

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



69CECE



D9FFFF



69CE69



698080



000000



808080



# Same Dimension

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



69CECE



69FFFF



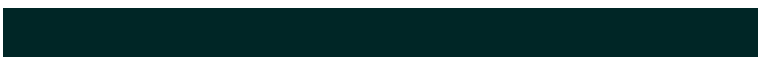
699CCE



5C6666



00A6A6



002626



# Inverse Universe

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



CE69CE



FF69FF



CE9C69



665C66



A600A6

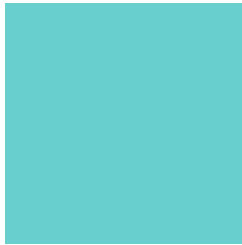


260026



# Previews

## White Background



This preview shows how the Hex color 69CECE 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 69CECE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

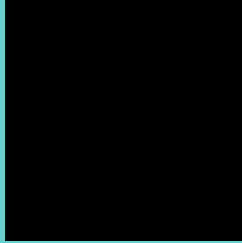
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

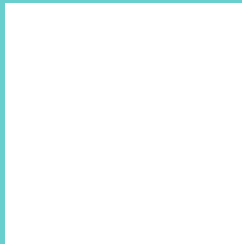
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69CECE Background



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



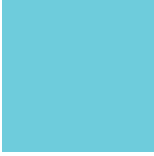
This preview shows how white text looks on a background with the Hex color 69CECE.

# 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





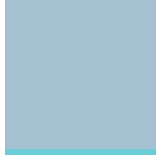
# Trichromacy



**Original Color**  
69CECE



**Protanomaly**  
A0C3C7



**Deuteranomaly**  
A4C0D1

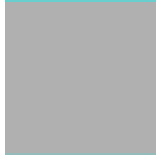


**Tritanomaly**  
6CCDD7

# Monochromacy



**Original Color**  
69CECE



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
96BBBB

# CSS Examples

## Text

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

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

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 #69CECE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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