

Converting Colors

Hex(69BCC3)

Have a look what the booklet for
Hex(69BCC3) contains.

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Color

Hex(69BCC3)

Conversions

Conversions Part 1

Format	Color
Hex	69BCC3
RGB	105, 188, 195
RGB Percent	41%, 74%, 76%
CMY	0.5882, 0.2627, 0.2353
CMYK	0.46, 0.04, 0.00, 0.24
HSL	185°, 43%, 59%
HSV	185°, 46%, 76%
XYZ	33.6592, 42.9098, 58.1382
YIQ	163.9810, -51.7150, -15.4190

Conversions

Conversions Part 2

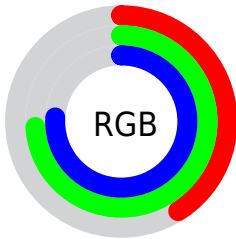
Format	Color
RYB	105, 148, 195
Decimal	6929603
CIELab	71.49, -23.38, -11.40
CIElCh	71, 26.014, 205.999
Yxy	42.9098, 0.2499, 0.3185
Android (android.graphics.Color)	4285119683 (0xFF69BCC3)
YUV	163.9810, 15.2924, -51.7263
Hunter-Lab	65.5056, -22.9148, -6.7677

Details

The Hex color **69BCC3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C37069**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A1F4FC**, and **2E868D** is the 20% darker color. If you saturate the color by 10%, you get **56BAC3**, and if you desaturate by 10%, it is **7CBEC3**.

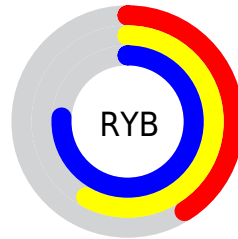
Distribution



Red (41%)

Green (74%)

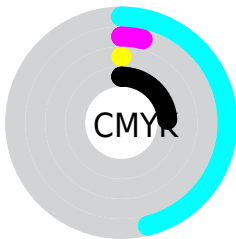
Blue (76%)



Red (41%)

Yellow (58%)

Blue (76%)

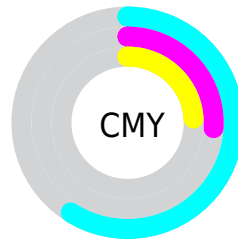


Cyan (46%)

Magenta (4%)

Yellow (0%)

Black (24%)



Cyan (59%)

Magenta (26%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69BCC3 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 69BCC3 by changing the saturation by 10% instead.

 69BCC3

 69BCC3

FFFFFF

 4DA1A8

 A1F4FC

 2E868D

 BEFFFF

 006D74

 DBFFFF

 00545B

 F9FFFF

 003D44

 00272E

 000B19

 000000

 69BCC3

 69BCC3

■ 56BAC3

■ 7CBEC3

■ 42B9C3

■ 90BFC3

■ 2EB7C3

■ A3C1C3

■ 1BB6C3

■ B7C2C3

■ 07B4C3

■ CBC4C3

■ 00B4C3

■ DEC5C3

■ F2C7C3

■ FFC8C3

■ FFCAC3

Harmonies

Analogous

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



77BCAB



69BCC3



72B9D6

Triad

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



69BCC3



CBA2CA



C4AC80

Complementary

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



69BCC3



C37069

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.



D6A589



69BCC3



DC9EB3

Square

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



69BCC3



AFAADA



DF9F9B



ABB484

Rectangle

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



69BCC3



83B5DD



DF9F9B



CBA82

Sweetspot

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



69BCC3



D9FAFC



69C36F



6A7E80



000000



808080

Same Dimension

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



69BCC3



72F2FC



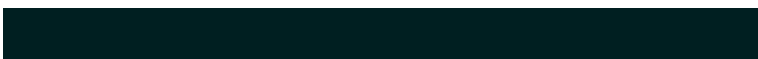
6990C3



576061



0094A1



001F21

Inverse Universe

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



C369BC



FC72F2



C39C69



615760



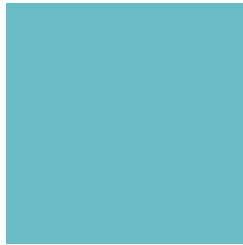
A10094



21001F

Previews

White Background



This preview shows how the Hex color 69BCC3 looks on a white background.

Color Contrast Check

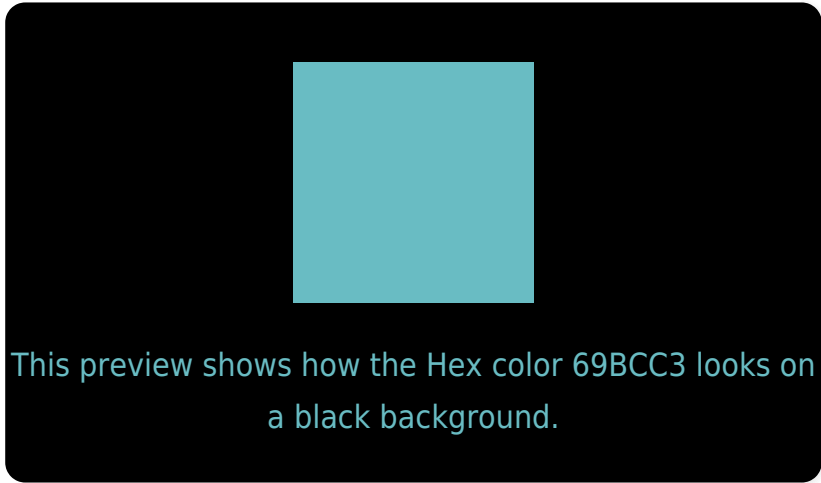
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

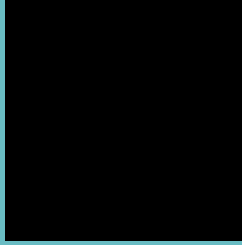
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

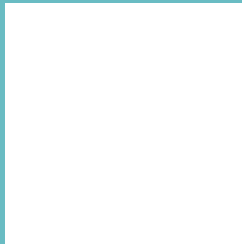
Any Text WCAG AAA ✓ Pass

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

Hex 69BCC3 Background



This preview shows how black text looks on a background with the Hex color 69BCC3.



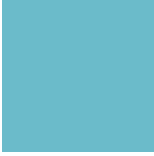
This preview shows how white text looks on a background with the Hex color 69BCC3.

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
6BBBCA

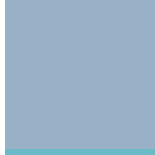
Trichromacy



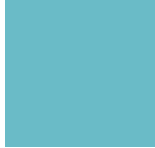
Original Color
69BCC3



Protanomaly
95B2BD



Deuteranomaly
98B1C6

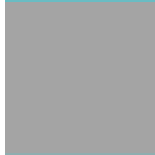


Tritanomaly
6ABBC7

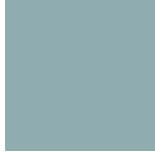
Monochromacy



Original Color
69BCC3



Achromatopsia
A4A4A4



Achromatomaly
8FADAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 69BCC3 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 #69BCC3 looks like.

```
.text, #text, p{  
    color:#69BCC3  
}
```

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 #69BCC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69BCC3
}
```

Border

The CSS property to change the border of an element to Hex 69BCC3 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
#69BCC3 }
```

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

```
.border{ border-color:#69BCC3 }
```

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

Here you see how a box with a 4 pixel #69BCC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69BCC3; -webkit-box-shadow:4px 4px  
4px 4px #69BCC3; box-shadow:4px 4px 4px  
4px #69BCC3 }
```

Background

The CSS property to change the background color of an element to Hex 69BCC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69BCC3 }
```

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

```
.background{ background-color:#69BCC3 }
```

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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