

# Converting Colors

Hex(69B4E0)

Have a look what the booklet for  
Hex(69B4E0) contains.

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# **Color**

**Hex(69B4E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69B4E0
RGB	105, 180, 224
RGB Percent	41%, 71%, 88%
CMY	0.5882, 0.2941, 0.1216
CMYK	0.53, 0.20, 0.00, 0.12
HSL	202°, 66%, 65%
HSV	202°, 53%, 88%
XYZ	35.6015, 41.0276, 76.5637
YIQ	162.5910, -58.8240, -2.2160

# Conversions

## Conversions Part 2

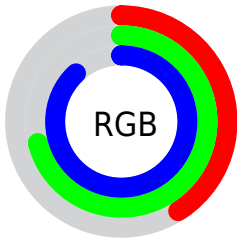
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 151, 224
Decimal	6927584
CIELab	70.20, -11.11, -29.24
CIELCh	70, 31.275, 249.197
Yxy	41.0276, 0.2324, 0.2678
Android (android.graphics.Color)	4285117664 (0xFF69B4E0)
YUV	162.5910, 30.2746, -50.5073
Hunter-Lab	64.0528, -12.8794, -26.0337

# Details

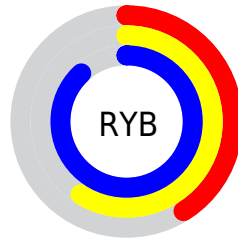
The Hex color **69B4E0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E09569**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A3ECFF**, and **297FA9** is the 20% darker color. If you saturate the color by 10%, you get **53ACE0**, and if you desaturate by 10%, it is **7FBCE0**.

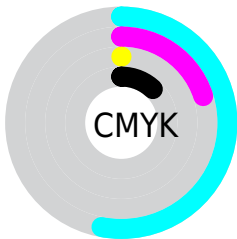
# Distribution



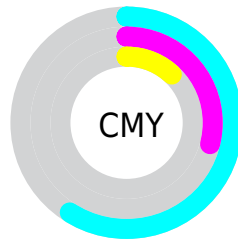
- Red (41%)
- Green (71%)
- Blue (88%)



- Red (41%)
- Yellow (59%)
- Blue (88%)



- Cyan (53%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (59%)
- Magenta (29%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69B4E0 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 69B4E0 by changing the saturation by 10% instead.



 69B4E0

 69B4E0

FFFFFF

 4B99C4

 A3ECFF

 297FA9

 C0FFFF

 00668E

 DEFFFF

 004E74

 FCFFFF

 00385B

 002244

 00052E

 000118

 000000

69B4E0

69B4E0

53ACE0

7FBCE0

3CA3E0

96C5E0

269BE0

ACCDE0

0F93E0

C3D5E0

008DE0

D9DDE0

EFE6E0

FFEEE0

FFF6E0

FFFFE0

# Harmonies

## Analogous

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



4FB9CF



69B4E0



93ABE3

# Triad

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



69B4E0



E496A4



97B57F

# Complementary

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



69B4E0



E09569

# 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.



B7AD73



69B4E0



E19A89

# Square

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



69B4E0



D799C0



D1A377



76BA97

# Rectangle

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



69B4E0



AEA5DD



D1A377



A2B279

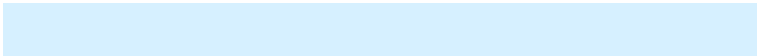


# Sweetspot

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



69B4E0



D6F0FF



69E095



677780



000000



808080



# Same Dimension

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



69B4E0



5CC3FF



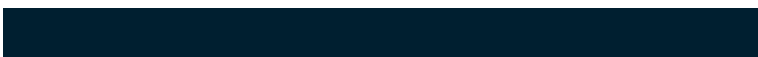
6979E0



656C70



006FB0



001F30



# Inverse Universe

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



E069B4



FF5CC3



E0D069



70656C



B0006F

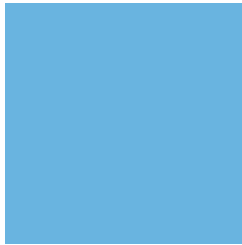


30001F



# Previews

## White Background



This preview shows how the Hex color 69B4E0 looks on a white background.

## Color Contrast Check

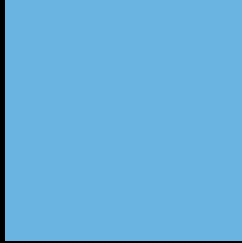
Large Text (above 18pt) WCAG AA × Fail

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 69B4E0 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 69B4E0 Background



This preview shows how black text looks on a background with the Hex color 69B4E0.

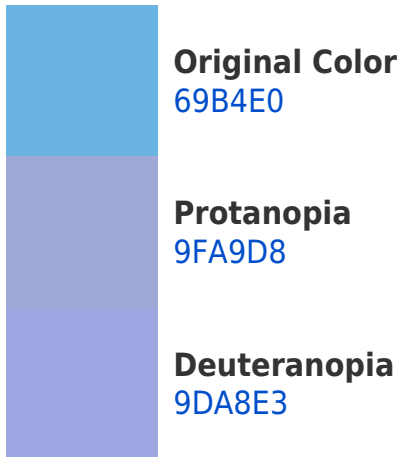


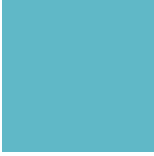
This preview shows how white text looks on a background with the Hex color 69B4E0.

# 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](#).

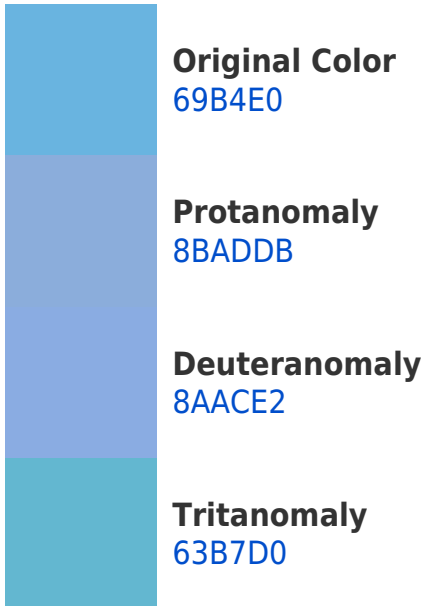
## Dichromacy



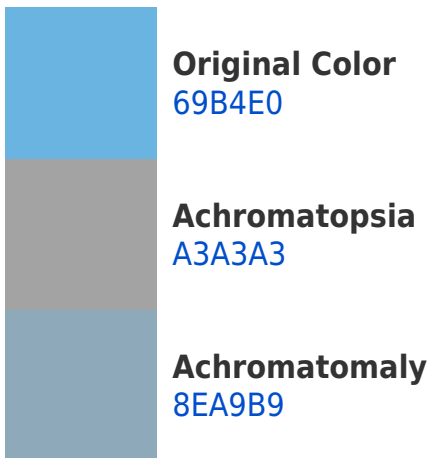


**Tritanopia**  
60B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69B4E0 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 #69B4E0 looks like.

```
.text, #text, p{  
    color:#69B4E0  
}
```

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 #69B4E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69B4E0
}
```

## Border

The CSS property to change the border of an element to Hex 69B4E0 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
#69B4E0 }
```

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

```
.border{ border-color:#69B4E0 }
```

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

Here you see how a box with a 4 pixel #69B4E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69B4E0; -webkit-box-shadow:4px 4px  
4px 4px #69B4E0; box-shadow:4px 4px 4px  
4px #69B4E0 }
```

# Background

The CSS property to change the background color of an element to Hex 69B4E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69B4E0 }
```

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

```
.background{ background-color:#69B4E0 }
```

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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