

# Converting Colors

Hex(69AEDD)

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

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# **Color**

**Hex(69AEDD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69AEDD
RGB	105, 174, 221
RGB Percent	41%, 68%, 87%
CMY	0.5882, 0.3176, 0.1333
CMYK	0.52, 0.21, 0.00, 0.13
HSL	204°, 63%, 64%
HSV	204°, 52%, 87%
XYZ	34.0129, 38.4958, 74.0444
YIQ	158.7270, -56.2110, -0.0110

# Conversions

## Conversions Part 2

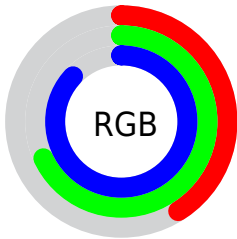
Format	Color
R <sub>YB</sub>	105, 148, 221
Decimal	6926045
CIE <sub>Lab</sub>	68.38, -8.75, -30.39
CIE <sub>LCh</sub>	68, 31.619, 253.944
Y <sub>xy</sub>	38.4958, 0.2321, 0.2627
Android (android.graphics.Color)	4285116125 (0xFF69AEDD)
Y <sub>UV</sub>	158.7270, 30.7006, -47.1186
Hunter-Lab	62.0450, -10.7255, -27.3251

# Details

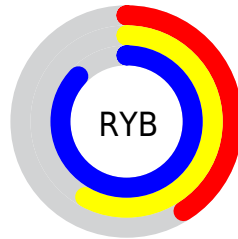
The Hex color **69AEDD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DD9869**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A3E5FF**, and **2B7AA6** is the 20% darker color. If you saturate the color by 10%, you get **53A5DD**, and if you desaturate by 10%, it is **7FB7DD**.

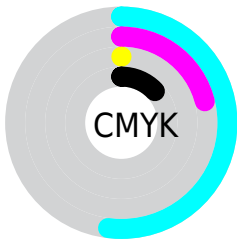
# Distribution



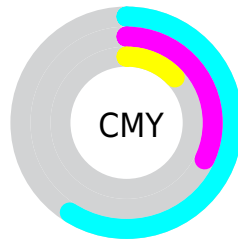
- Red (41%)
- Green (68%)
- Blue (87%)



- Red (41%)
- Yellow (58%)
- Blue (87%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)
- Black (13%)



- Cyan (59%)
- Magenta (32%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



■ 69AEDD

■ 69AEDD

FFFFFF

■ 4B93C1

■ A3E5FF

■ 2B7AA6

■ C0FFFF

■ 00618B

■ DDFFFF

■ 004972

■ FBFFFF

■ 003359

■ 001E41

■ 00032B

■ 000115

■ 000000

■ 69AEDD

■ 69AEDD

■ 53A5DD

■ 7FB7DD

■ 3D9CDD

■ 95C0DD

■ 2793DD

■ ABC9DD

■ 118ADD

■ C1D2DD

■ 0083DD

■ D8DBDD

■ EEE4DD

■ FFEDDD

■ FFF6DD

■ FFFFDD

# Harmonies

## Analogous

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



49B4CD



69AEDD



95A5DE

# Triad

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



69AEDD



E0919A



8DB17D

# Complementary

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



69AEDD



DD9869

# 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.



ADA96F



69AEDD



DA9780

# Square

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



69AEDD



D593B7



C8A070



6BB596

# Rectangle

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



69AEDD



B09ED6



C8A070



98AF77

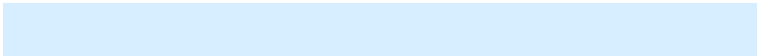


# Sweetspot

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



69AEDD



D6EEFF



69DD97



677680



000000



808080



# Same Dimension

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



69AEDD



5EBEFF



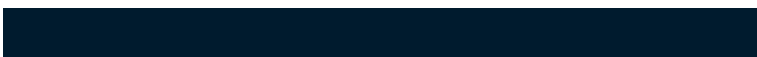
6975DD



63696E



0067AD



001B2E



# Inverse Universe

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



DD69AE



FF5EBE



DDD169



6E6369



AD0067



2E001B



# Previews

## White Background



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

## Color Contrast Check

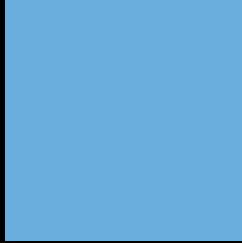
Large Text (above 18pt) WCAG AA × Fail

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 69AEDD 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 69AEDD Background



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

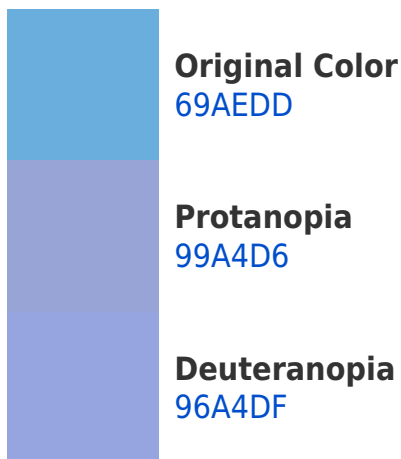


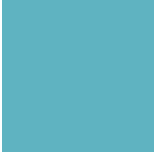
This preview shows how white text looks on a background with the Hex color 69AEDD.

# 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](#).

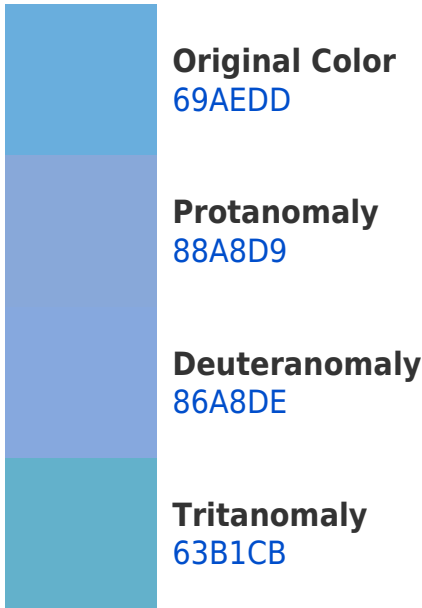
## Dichromacy



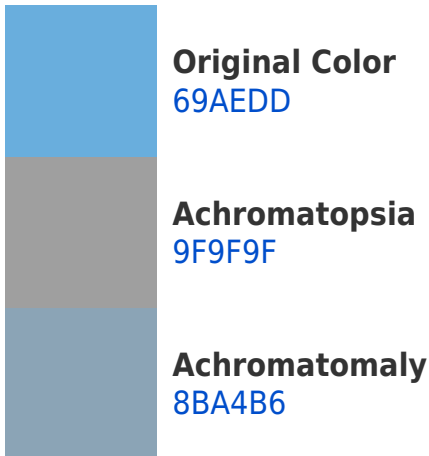


**Tritanopia**  
5FB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #69AEDD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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