

# Converting Colors

Hex(69DAEE)

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

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# **Color**

**Hex(69DAEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69DAEE
RGB	105, 218, 238
RGB Percent	41%, 85%, 93%
CMY	0.5882, 0.1451, 0.0667
CMYK	0.56, 0.08, 0.00, 0.07
HSL	189°, 80%, 67%
HSV	189°, 56%, 93%
XYZ	46.3297, 59.3191, 89.8968
YIQ	186.4930, -73.7680, -17.7360

# Conversions

## Conversions Part 2

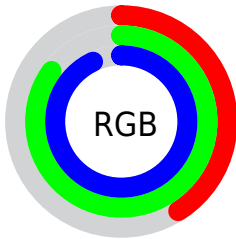
Format	Color
R <sub>YB</sub>	105, 166, 238
Decimal	6937326
CIE Lab	81.47, -26.62, -19.58
CIE LCh	81, 33.042, 216.339
Yxy	59.3191, 0.2369, 0.3034
Android (android.graphics.Color)	4285127406 (0xFF69DAEE)
YUV	186.4930, 25.3930, -71.4694
Hunter-Lab	77.0189, -27.4087, -15.2903

# Details

The Hex color **69DAEE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EE7D69**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A6FFFF**, and **1FA3B6** is the 20% darker color. If you saturate the color by 10%, you get **51D6EE**, and if you desaturate by 10%, it is **81DEEE**.

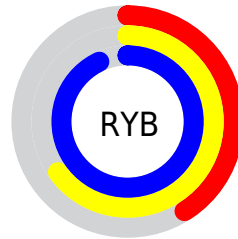
# Distribution



Red (41%)

Green (85%)

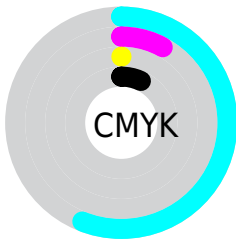
Blue (93%)



Red (41%)

Yellow (65%)

Blue (93%)

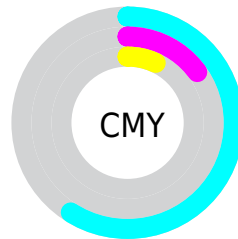


Cyan (56%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (59%)

Magenta (15%)

Yellow (7%)

# Brightness & Saturation Gradients

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



 69DAEE

 69DAEE

FFFFFF

 48BED2

 A6FFFF

 1FA3B6

 C4FFFF

 00889B

 E2FFFF

 006F81

 005668

 003E50

 002839

 000C24

 00000C

69DAEE

69DAEE

51D6EE

81DEEE

39D3EE

99E1EE

22CFEE

B0E5EE

0ACCEE

C8E8EE

00CAEE

E0ECEEE

F8EFEE

FFF3EE

FFF7EE

FFFAEE

# Harmonies

## Analogous

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



74DCD0



69DAEE



81D4FF

# Triad

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



69DAEE



F8B7E4



DACB8D

# Complementary

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



69DAEE



EE7D69

# 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.



F5C093



69DAEE



FFB3C5

# Square

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



69DAEE



D7C0FC



FFB7A7



B8D498

# Rectangle

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



69DAEE



9DCEFF



FFB7A7



E4C78D

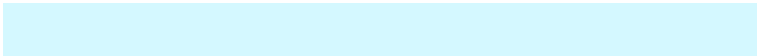


# Sweetspot

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



69DAEE



D4F8FF



69EE7D



667C80



000000



808080



# Same Dimension

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



69DAEE



54E5FF



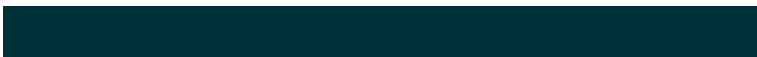
6998EE



6C7678



009CB8



003038



# Inverse Universe

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



EE69DA



FF54E5



EEBF69



786C76



B8009C

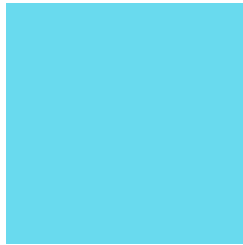


380030



# Previews

## White Background



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

## Color Contrast Check

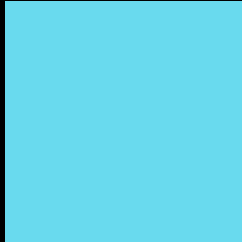
Large Text (above 18pt) WCAG AA × Fail

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 69DAEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

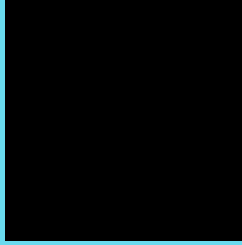
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69DAEE Background



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

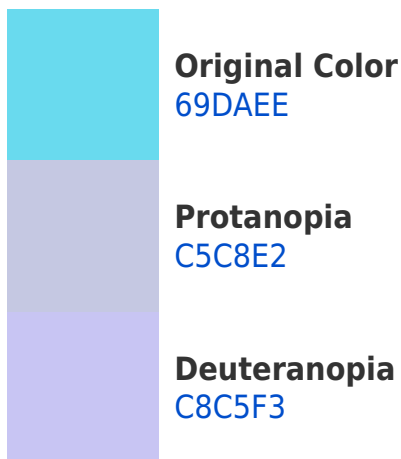


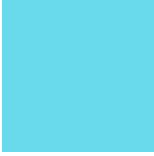
This preview shows how white text looks on a background with the Hex color 69DAEE.

# 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](#).

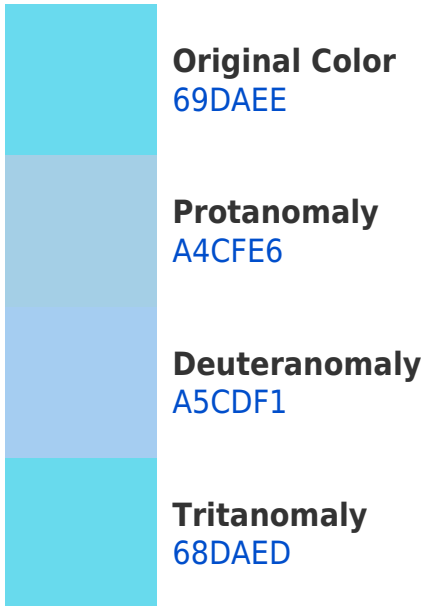
## Dichromacy



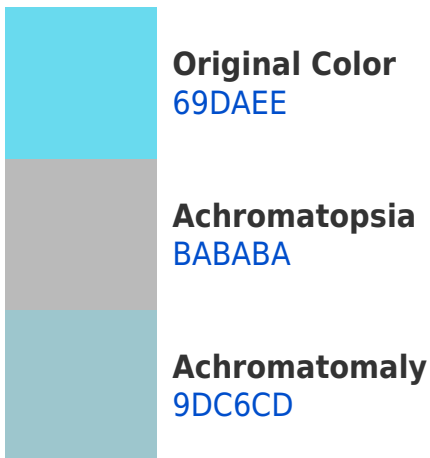


**Tritanopia**  
68DAEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #69DAEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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