

Converting Colors

Hex(69ACCD)

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

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Color

Hex(69ACCD)

Conversions

Conversions Part 1

Format	Color
Hex	69ACCD
RGB	105, 172, 205
RGB Percent	41%, 67%, 80%
CMY	0.5882, 0.3255, 0.1961
CMYK	0.49, 0.16, 0.00, 0.20
HSL	200°, 50%, 61%
HSV	200°, 49%, 80%
XYZ	31.5977, 36.9161, 63.2178
YIQ	155.7290, -50.5250, -3.9410

Conversions

Conversions Part 2

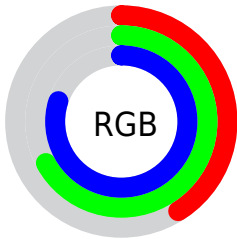
Format	Color
RYB	105, 145, 205
Decimal	6925517
CIELab	67.21, -12.31, -23.38
CIELCh	67, 26.419, 242.229
Yxy	36.9161, 0.2399, 0.2802
Android (android.graphics.Color)	4285115597 (0xFF69ACCD)
YUV	155.7290, 24.2906, -44.4893
Hunter-Lab	60.7586, -13.4982, -19.1587

Details

The Hex color **69ACCD** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **CD8A69**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A1E3FF**, and **2E7897** is the 20% darker color. If you saturate the color by 10%, you get **54A5CD**, and if you desaturate by 10%, it is **7DB3CD**.

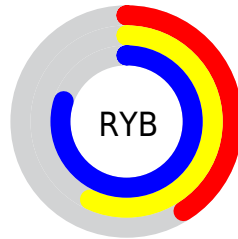
Distribution



Red (41%)

Green (67%)

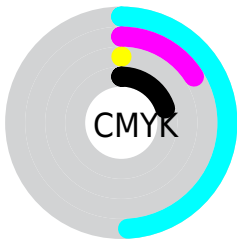
Blue (80%)



Red (41%)

Yellow (57%)

Blue (80%)

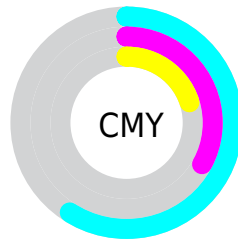


Cyan (49%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (59%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

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

■ 69ACCD

■ 69ACCD

FFFFFF

■ 4D91B1

■ A1E3FF

■ 2E7897

■ BEFFFF

■ 005F7D

■ DBFFFF

■ 004764

■ F9FFFF

■ 00314C

■ 001D35

■ 000220

■ 000003

■ 000000

■ 69ACCD

■ 69ACCD

■ 54A5CD

■ 7DB3CD

■ 409ECD

■ 92BACD

■ 2B98CD

■ A7C0CD

■ 1791CD

■ BBC7CD

■ 038ACD

■ D0CECD

■ 0089CD

■ E4D5CD

■ F9DBCD

■ FFE2CD

■ FFE9CD

Harmonies

Analogous

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



5BB0BC



69ACCD



88A5D3

Triad

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



69ACCD



D292A3



99AA7B

Complementary

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



69ACCD



CD8A69

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.



B3A374



69ACCD



D3948B

Square

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



69ACCD



C496BA



C79B7A



7EAF8D

Rectangle

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



69ACCD



9FA0CF



C79B7A



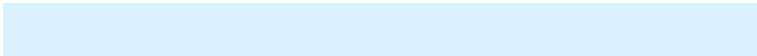
A2A877

Sweetspot

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



69ACCD



D9F2FF



69CD89



697880



000000



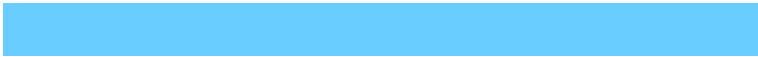
808080

Same Dimension

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



69ACCD



69CDFF



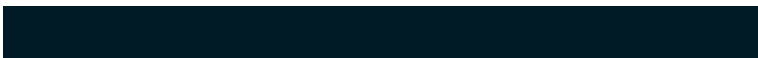
697BCD



5C6366



006FA6



001A26

Inverse Universe

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



CD69AC



FF69CD



CDBB69



665C63



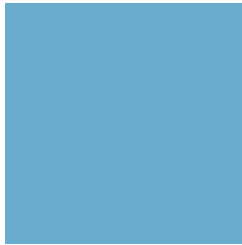
A6006F



26001A

Previews

White Background



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

Color Contrast Check

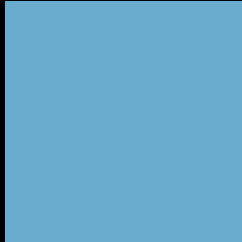
Large Text (above 18pt) WCAG AA × Fail

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 69ACCD 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 69ACCD Background



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

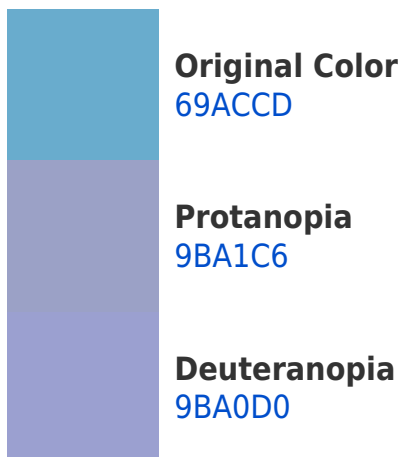


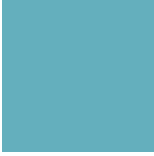
This preview shows how white text looks on a background with the Hex color 69ACCD.

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](#).

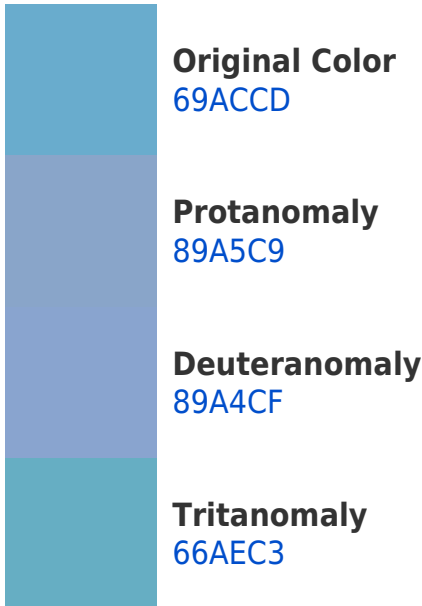
Dichromacy



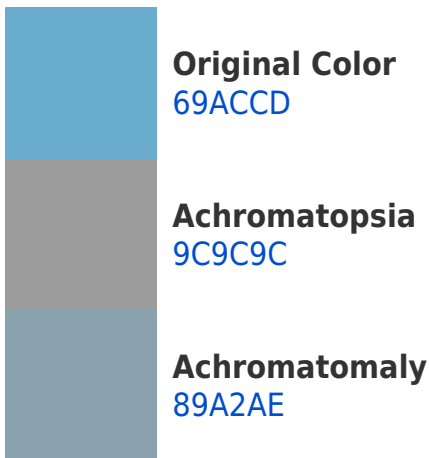


Tritanopia
64AFBD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #69ACCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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