

Converting Colors

Hex(69D2EA)

Have a look what the booklet for
Hex(69D2EA) contains.

Hex(69D2EA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(69D2EA)

Conversions

Conversions Part 1

Format	Color
Hex	69D2EA
RGB	105, 210, 234
RGB Percent	41%, 82%, 92%
CMY	0.5882, 0.1765, 0.0824
CMYK	0.55, 0.10, 0.00, 0.08
HSL	191°, 75%, 66%
HSV	191°, 55%, 92%
XYZ	43.7236, 55.0370, 86.1606
YIQ	181.3410, -70.2840, -14.7960

Conversions

Conversions Part 2

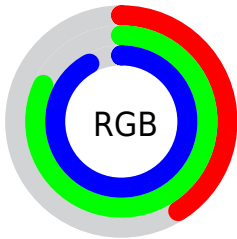
Format	Color
RYB	105, 163, 234
Decimal	6935274
CIELab	79.06, -23.77, -21.09
CIELCh	79, 31.780, 221.573
Yxy	55.0370, 0.2364, 0.2976
Android (android.graphics.Color)	4285125354 (0xFF69D2EA)
YUV	181.3410, 25.9609, -66.9511
Hunter-Lab	74.1869, -24.6244, -16.9285

Details

The Hex color **69D2EA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EA8169**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A5FFFF**, and **229BB2** is the 20% darker color. If you saturate the color by 10%, you get **52CEEA**, and if you desaturate by 10%, it is **80D6EA**.

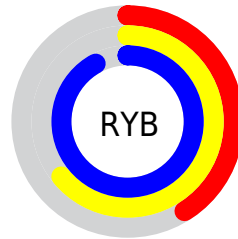
Distribution



Red (41%)

Green (82%)

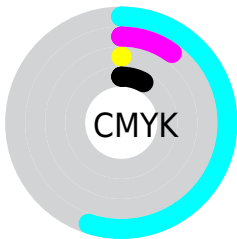
Blue (92%)



Red (41%)

Yellow (64%)

Blue (92%)

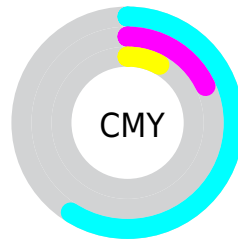


Cyan (55%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (59%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69D2EA 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 69D2EA by changing the saturation by 10% instead.

 69D2EA

 69D2EA

FFFFFF

 49B6CE

 A5FFFF

 229BB2

 C3FFFF

 008197

 E1FFFF

 00687E

 004F65

 00384C

 002336

 000221

 000005

■ 69D2EA

■ 69D2EA

■ 52CEEA

■ 80D6EA

■ 3AC9EA

■ 98DBEA

■ 23C5EA

■ AFDFEA

■ 0BC1EA

■ C7E3EA

■ 00BEEA

■ DEE8EA

■ F5ECEA

■ FFF0EA

■ FFF5EA

■ FFF9EA

Harmonies

Analogous

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



6ED4CF



69D2EA



84CCFB

Triad

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



69D2EA



F3B0D7



CDC68A

Complementary

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



69D2EA



EA8169

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.



E9BC8C



69D2EA



FFAEB9

Square

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



69D2EA



D7B8F0



FBB39E



ACCE97

Rectangle

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



69D2EA



A0C6FE



FBB39E



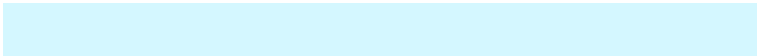
D7C289

Sweetspot

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



69D2EA



D4F7FF



69EA81



667B80



000000



808080

Same Dimension

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



69D2EA



57E0FF



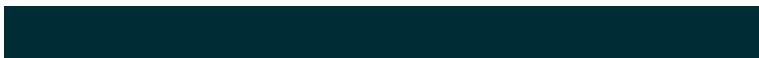
6992EA



6A7375



0093B5



002C36

Inverse Universe

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



EA69D2



FF57E0



EAC169



756A73



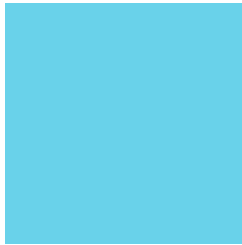
B50093



36002C

Previews

White Background



This preview shows how the Hex color 69D2EA looks on a white background.

Color Contrast Check

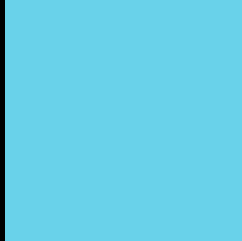
Large Text (above 18pt) WCAG AA × Fail

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 69D2EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

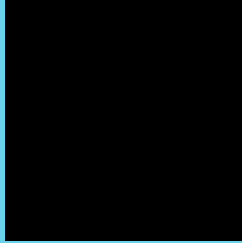
Any Text WCAG AA ✓ Pass

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 69D2EA Background



This preview shows how black text looks on a background with the Hex color 69D2EA.

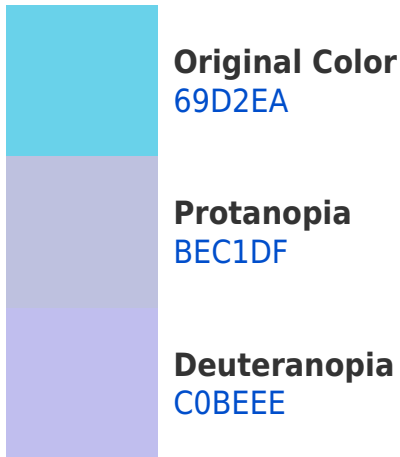


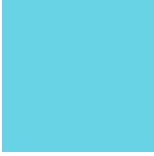
This preview shows how white text looks on a background with the Hex color 69D2EA.

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](#).

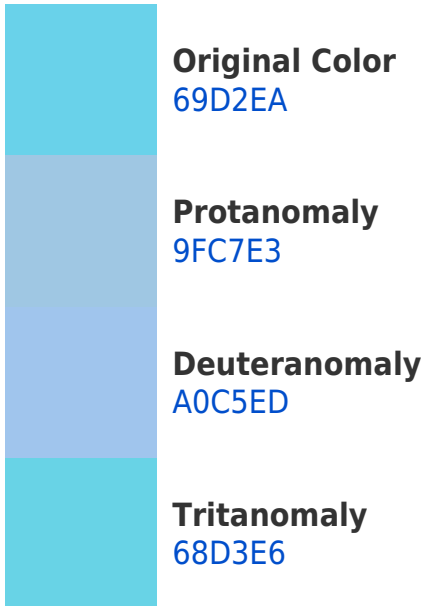
Dichromacy



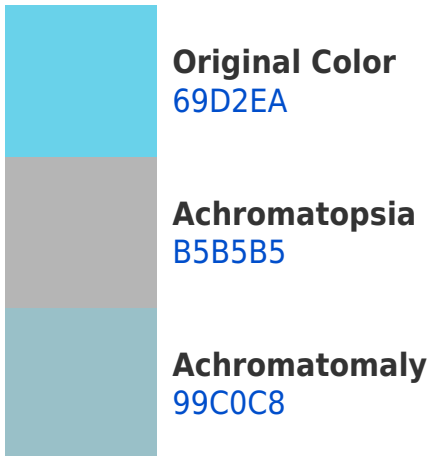


Tritanopia
67D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69D2EA 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 #69D2EA looks like.

```
.text, #text, p{  
    color:#69D2EA  
}
```

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 #69D2EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69D2EA  
}
```

Border

The CSS property to change the border of an element to Hex 69D2EA 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  
#69D2EA }
```

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

```
.border{ border-color:#69D2EA }
```

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

Here you see how a box with a 4 pixel #69D2EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69D2EA; -webkit-box-shadow:4px 4px  
4px 4px #69D2EA; box-shadow:4px 4px 4px  
4px #69D2EA }
```

Background

The CSS property to change the background color of an element to Hex 69D2EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69D2EA }
```

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

```
.background{ background-color:#69D2EA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor