

Converting Colors

Hex(69A4D1)

Have a look what the booklet for
Hex(69A4D1) contains.

Hex(69A4D1)	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(69A4D1)

Conversions

Conversions Part 1

Format	Color
Hex	69A4D1
RGB	105, 164, 209
RGB Percent	41%, 64%, 82%
CMY	0.5882, 0.3569, 0.1804
CMYK	0.50, 0.22, 0.00, 0.18
HSL	206°, 53%, 62%
HSV	206°, 50%, 82%
XYZ	30.6098, 34.1576, 65.3014
YIQ	151.4890, -49.6090, 1.4870

Conversions

Conversions Part 2

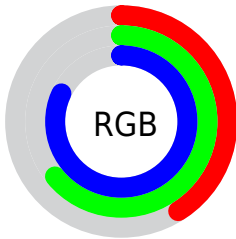
Format	Color
R _Y B	105, 143, 209
Decimal	6923473
CIE Lab	65.09, -6.79, -28.86
CIE LCh	65, 29.644, 256.756
Yxy	34.1576, 0.2353, 0.2626
Android (android.graphics.Color)	4285113553 (0xFF69A4D1)
YUV	151.4890, 28.3529, -40.7709
Hunter-Lab	58.4445, -8.7902, -25.3349

Details

The Hex color **69A4D1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D19669**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A1DBFF**, and **2E709A** is the 20% darker color. If you saturate the color by 10%, you get **549BD1**, and if you desaturate by 10%, it is **7EADD1**.

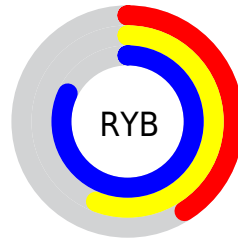
Distribution



Red (41%)

Green (64%)

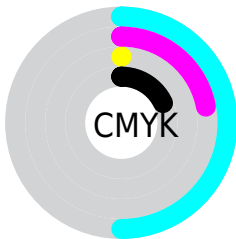
Blue (82%)



Red (41%)

Yellow (56%)

Blue (82%)

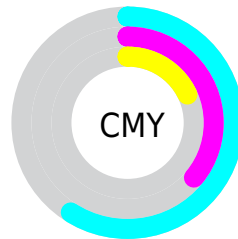


Cyan (50%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (59%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69A4D1 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 69A4D1 by changing the saturation by 10% instead.

■ 69A4D1

■ 69A4D1

FFFFFF

■ 4D8AB5

■ A1DBFF

■ 2E709A

■ BEF7FF

■ 005880

■ DBFFFF

■ 004167

■ F9FFFF

■ 002B4F

■ 001738

■ 000222

■ 000008

■ 000000

■ 69A4D1

■ 69A4D1

■ 549BD1

■ 7EADD1

■ 3F92D1

■ 93B6D1

■ 2A89D1

■ A8BFD1

■ 1580D1

■ BDC8D1

■ 0177D1

■ D2D1D1

■ 0077D1

■ E6DAD1

■ FBE3D1

■ FFECD1

■ FFF5D1

Harmonies

Analogous

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



4AAAC4



69A4D1



919BD1

Triad

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



69A4D1



D38A90



83A879

Complementary

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



69A4D1



D19669

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.



A1A16B



69A4D1



CD9078

Square

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



69A4D1



CB8BAB



BB986B



64AC91

Rectangle

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



69A4D1



A995C8



BB986B



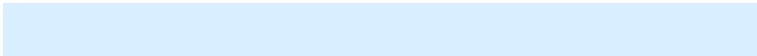
8EA673

Sweetspot

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



69A4D1



D9EEFF



69D194



697680



000000



808080

Same Dimension

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



69A4D1



66BDFF



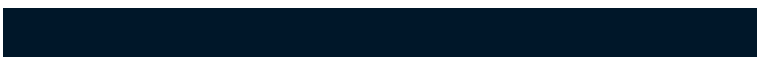
6972D1



5E6469



005FA8



001729

Inverse Universe

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



D169A4



FF66BD



D1C869



695E64



A8005F



290017

Previews

White Background



This preview shows how the Hex color 69A4D1 looks on a white background.

Color Contrast Check

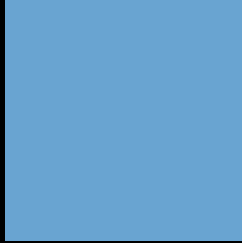
Large Text (above 18pt) WCAG AA × Fail

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 69A4D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

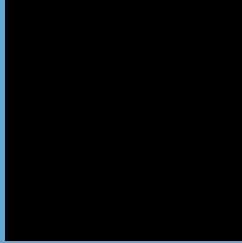
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

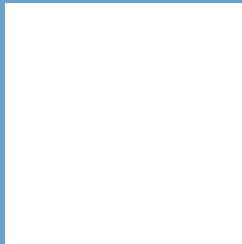
Any Text WCAG AAA ✓ Pass

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

Hex 69A4D1 Background



This preview shows how black text looks on a background with the Hex color 69A4D1.

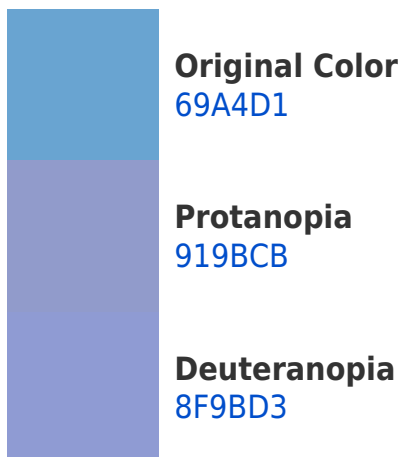


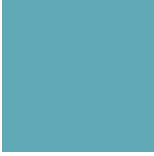
This preview shows how white text looks on a background with the Hex color 69A4D1.

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](#).

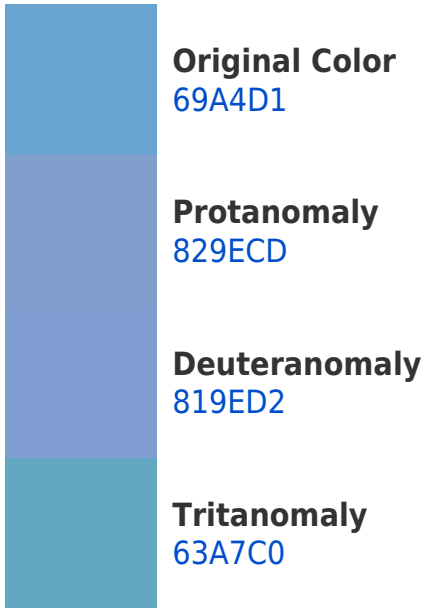
Dichromacy



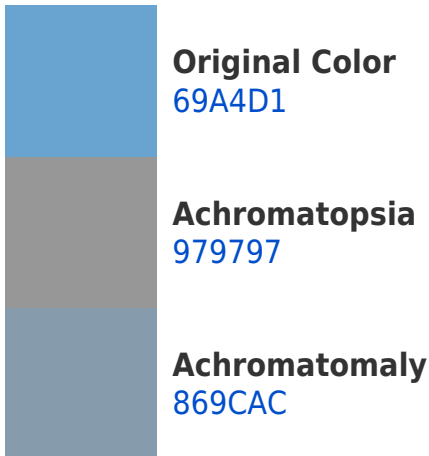


Tritanopia
60A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69A4D1 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 #69A4D1 looks like.

```
.text, #text, p{  
    color:#69A4D1  
}
```

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 #69A4D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69A4D1
}
```

Border

The CSS property to change the border of an element to Hex 69A4D1 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
#69A4D1 }
```

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

```
.border{ border-color:#69A4D1 }
```

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

Here you see how a box with a 4 pixel #69A4D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69A4D1; -webkit-box-shadow:4px 4px  
4px 4px #69A4D1; box-shadow:4px 4px 4px  
4px #69A4D1 }
```

Background

The CSS property to change the background color of an element to Hex 69A4D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69A4D1 }
```

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

```
.background{ background-color:#69A4D1 }
```

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