

Converting Colors

Hex(69B5D2)

Have a look what the booklet for
Hex(69B5D2) contains.

Hex(69B5D2)	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(69B5D2)

Conversions

Conversions Part 1

Format	Color
Hex	69B5D2
RGB	105, 181, 210
RGB Percent	41%, 71%, 82%
CMY	0.5882, 0.2902, 0.1765
CMYK	0.50, 0.14, 0.00, 0.18
HSL	197°, 54%, 62%
HSV	197°, 50%, 82%
XYZ	33.9824, 40.7041, 67.0384
YIQ	161.5820, -54.6050, -7.0930

Conversions

Conversions Part 2

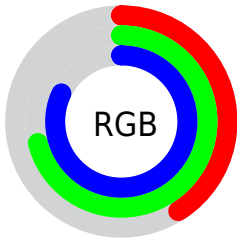
Format	Color
RYB	105, 149, 210
Decimal	6927826
CIELab	69.97, -15.68, -21.92
CIElCh	70, 26.952, 234.432
Yxy	40.7041, 0.2398, 0.2872
Android (android.graphics.Color)	4285117906 (0xFF69B5D2)
YUV	161.5820, 23.8701, -49.6224
Hunter-Lab	63.7998, -16.5731, -17.6398

Details

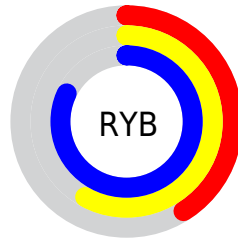
The Hex color **69B5D2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D28669**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A2EDFF**, and **2C809B** is the 20% darker color. If you saturate the color by 10%, you get **54AFD2**, and if you desaturate by 10%, it is **7EBBD2**.

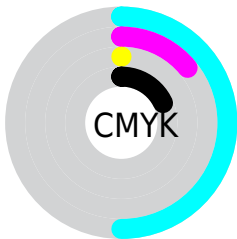
Distribution



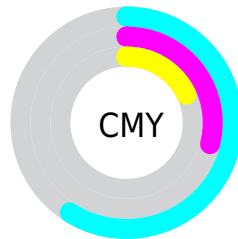
- Red (41%)
- Green (71%)
- Blue (82%)



- Red (41%)
- Yellow (58%)
- Blue (82%)



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (59%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69B5D2 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 69B5D2 by changing the saturation by 10% instead.

 69B5D2

 69B5D2


FFFFFF

 4C9AB6

 A2EDFF

 2C809B

 BFFFFFF

 006781

 DCFFFF

 004F68

 FAFFFF

 003850

 002239

 000224

 00000B

 000000

■ 69B5D2

■ 69B5D2

■ 54AFD2

■ 7EBBD2

■ 3FA9D2

■ 93C1D2

■ 2AA4D2

■ A8C6D2

■ 159ED2

■ BDCCD2

■ 0098D2

■ D2D2D2

■ E7D8D2

■ FCDED2

■ FFE3D2

■ FFE9D2

Harmonies

Analogous

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



61B8BE



69B5D2



86AFDB

Triad

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



69B5D2



D899B1



A8B07E

Complementary

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



69B5D2



D28669

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.



C1A87B



69B5D2



DC9A98

Square

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



69B5D2



C69EC8



D4A084



8CB58E

Rectangle

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



69B5D2



9DA9DA



D4A084



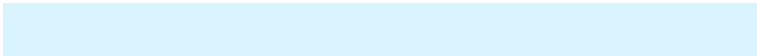
B1AD7B

Sweetspot

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



69B5D2



D9F4FF



69D285



697980



000000



808080

Same Dimension

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



69B5D2



66D5FF



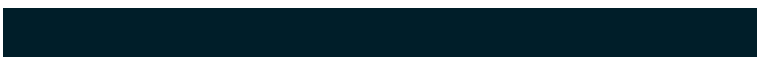
6982D2



5E6669



007AA8



001E29

Inverse Universe

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



D269B5



FF66D5



D2BA69



695E66



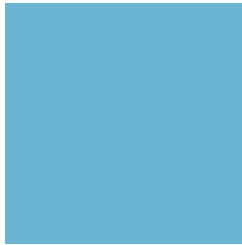
A8007A



29001E

Previews

White Background



This preview shows how the Hex color 69B5D2 looks on a white background.

Color Contrast Check

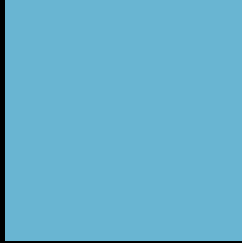
Large Text (above 18pt) WCAG AA × Fail

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 69B5D2 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 69B5D2 Background



This preview shows how black text looks on a background with the Hex color 69B5D2.

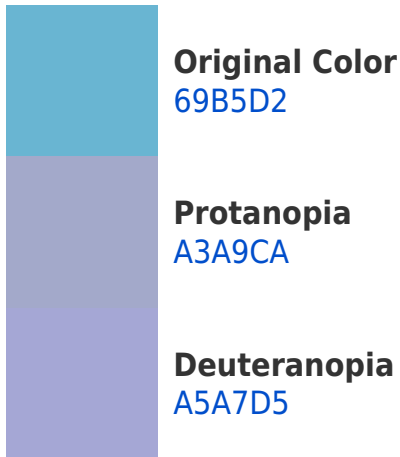


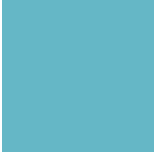
This preview shows how white text looks on a background with the Hex color 69B5D2.

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](#).

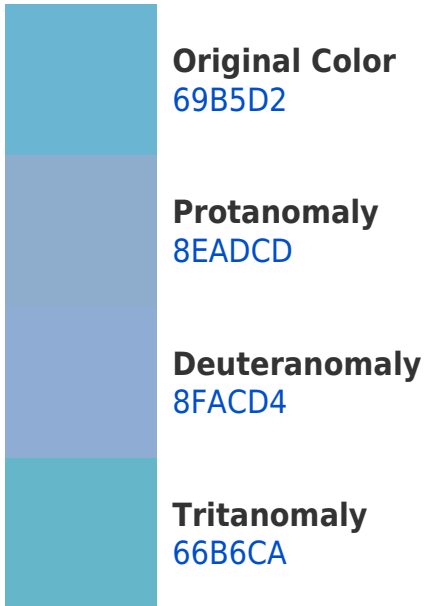
Dichromacy



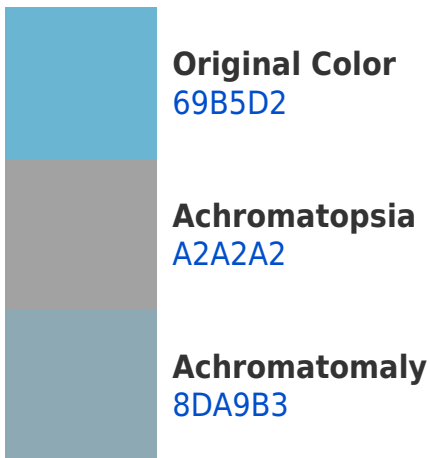


Tritanopia
65B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69B5D2 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 #69B5D2 looks like.

```
.text, #text, p{  
    color:#69B5D2  
}
```

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 #69B5D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69B5D2
}
```

Border

The CSS property to change the border of an element to Hex 69B5D2 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
#69B5D2 }
```

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

```
.border{ border-color:#69B5D2 }
```

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

Here you see how a box with a 4 pixel #69B5D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69B5D2; -webkit-box-shadow:4px 4px  
4px 4px #69B5D2; box-shadow:4px 4px 4px  
4px #69B5D2 }
```

Background

The CSS property to change the background color of an element to Hex 69B5D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69B5D2 }
```

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

```
.background{ background-color:#69B5D2 }
```

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