

Converting Colors

Hex(68A1D6)

Have a look what the booklet for
Hex(68A1D6) contains.

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Color

Hex(68A1D6)

Conversions

Conversions Part 1

Format	Color
Hex	68A1D6
RGB	104, 161, 214
RGB Percent	41%, 63%, 84%
CMY	0.5922, 0.3686, 0.1608
CMYK	0.51, 0.25, 0.00, 0.16
HSL	209°, 57%, 62%
HSV	209°, 51%, 84%
XYZ	30.5914, 33.2878, 68.4312
YIQ	149.9990, -50.9850, 4.3990

Conversions

Conversions Part 2

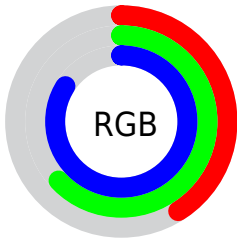
Format	Color
RYB	104, 142, 214
Decimal	6857174
CIELab	64.39, -3.87, -32.71
CIELCh	64, 32.934, 263.255
Yxy	33.2878, 0.2312, 0.2516
Android (android.graphics.Color)	4285047254 (0xFF68A1D6)
YUV	149.9990, 31.5525, -40.3411
Hunter-Lab	57.6956, -6.3230, -29.9353

Details

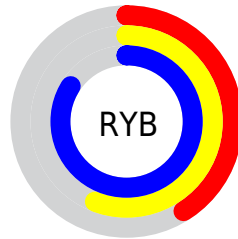
The Hex color **68A1D6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D69D68**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A1D8FF**, and **2C6E9F** is the 20% darker color. If you saturate the color by 10%, you get **5397D6**, and if you desaturate by 10%, it is **7DABD6**.

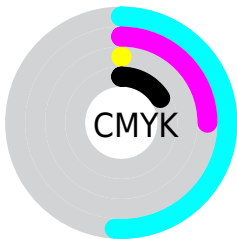
Distribution



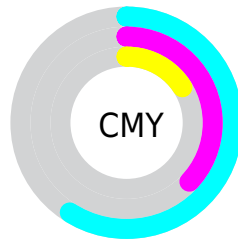
- Red (41%)
- Green (63%)
- Blue (84%)



- Red (41%)
- Yellow (56%)
- Blue (84%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (16%)



- Cyan (59%)
- Magenta (37%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A1D6 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 68A1D6 by changing the saturation by 10% instead.

■ 68A1D6

■ 68A1D6

FFFFFF

■ 4B87BA

■ A1D8FF

■ 2C6E9F

■ BEF4FF

■ 005585

■ DBFFFF

■ 003E6B

■ F8FFFF

■ 002953

■ 00153B

■ 000225

■ 00010E

■ 000000

■ 68A1D6

■ 68A1D6

■ 5397D6

■ 7DABD6

■ 3D8CD6

■ 93B6D6

■ 2882D6

■ A8C0D6

■ 1278D6

■ BECAD6

■ 006FD6

■ D3D5D6

■ E8DFD6

■ FEE9D6

■ FFF3D6

■ FFFED6

Harmonies

Analogous

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



3BA8CA



68A1D6



9697D2

Triad

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



68A1D6



D68786



76A878

Complementary

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



68A1D6



D69D68

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.



98A165



68A1D6



CC8E6E

Square

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



68A1D6



D186A4



B69862



52AC94

Rectangle

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



68A1D6



B090C7



B69862



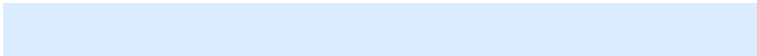
82A670

Sweetspot

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



68A1D6



D9EDFF



68D69B



697480



000000



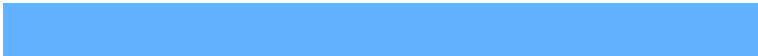
808080

Same Dimension

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



68A1D6



61B3FF



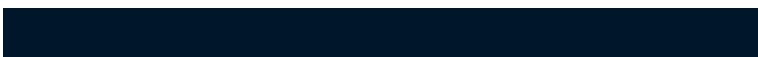
686CD6



60666B



0059AB



00162B

Inverse Universe

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



D668A1



FF61B3



D6D268



6B6066



AB0059



2B0016

Previews

White Background



This preview shows how the Hex color 68A1D6 looks on a white background.

Color Contrast Check

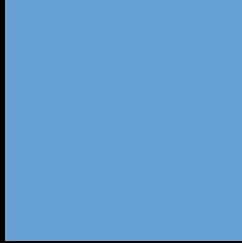
Large Text (above 18pt) WCAG AA × Fail

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 68A1D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

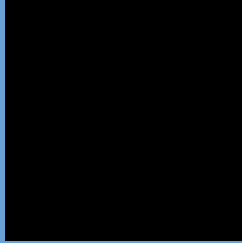
Any Text WCAG AA ✓ Pass

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 68A1D6 Background



This preview shows how black text looks on a background with the Hex color 68A1D6.

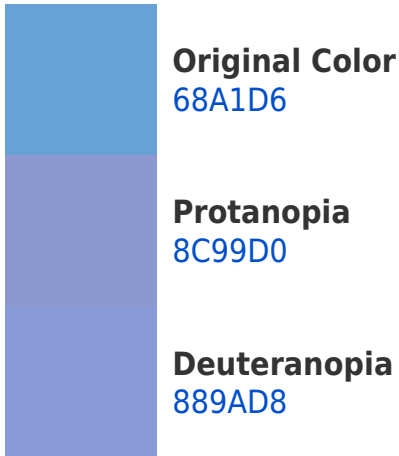


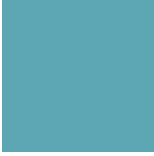
This preview shows how white text looks on a background with the Hex color 68A1D6.

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](#).

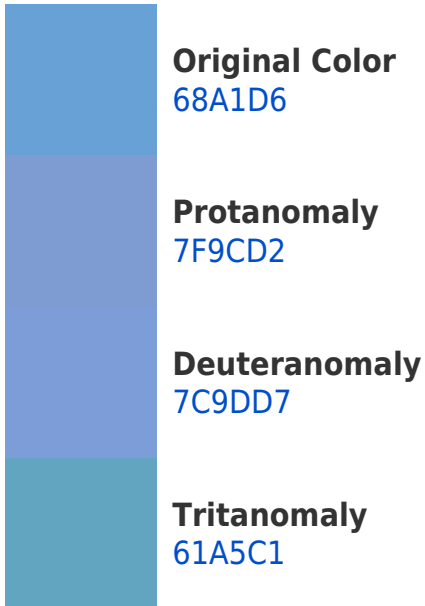
Dichromacy



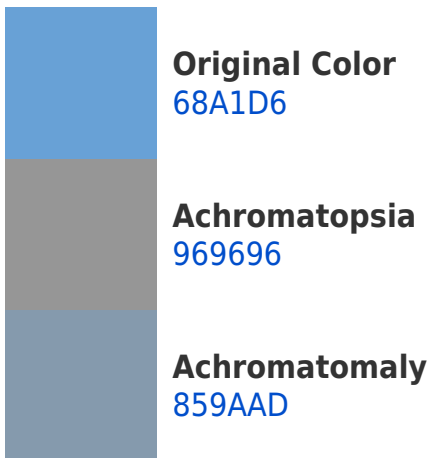


Tritanopia
5DA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A1D6 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 #68A1D6 looks like.

```
.text, #text, p{  
    color:#68A1D6  
}
```

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 #68A1D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A1D6
}
```

Border

The CSS property to change the border of an element to Hex 68A1D6 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
#68A1D6 }
```

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

```
.border{ border-color:#68A1D6 }
```

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

Here you see how a box with a 4 pixel #68A1D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A1D6; -webkit-box-shadow:4px 4px  
4px 4px #68A1D6; box-shadow:4px 4px 4px  
4px #68A1D6 }
```

Background

The CSS property to change the background color of an element to Hex 68A1D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A1D6 }
```

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

```
.background{ background-color:#68A1D6 }
```

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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