

Converting Colors

Hex(64B9D2)

Have a look what the booklet for
Hex(64B9D2) contains.

Hex(64B9D2)	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(64B9D2)

Conversions

Conversions Part 1

Format	Color
Hex	64B9D2
RGB	100, 185, 210
RGB Percent	39%, 73%, 82%
CMY	0.6078, 0.2745, 0.1765
CMYK	0.52, 0.12, 0.00, 0.18
HSL	194°, 55%, 61%
HSV	194°, 52%, 82%
XYZ	34.2374, 42.0604, 67.2867
YIQ	162.4350, -58.6850, -10.2450

Conversions

Conversions Part 2

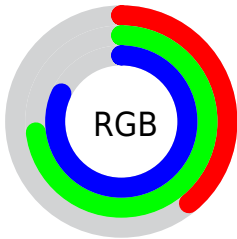
Format	Color
RYB	100, 148, 210
Decimal	6601170
CIELab	70.91, -18.86, -20.51
CIELCh	71, 27.862, 227.389
Yxy	42.0604, 0.2384, 0.2929
Android (android.graphics.Color)	4284791250 (0xFF64B9D2)
YUV	162.4350, 23.4495, -54.7555
Hunter-Lab	64.8540, -19.2618, -16.1163

Details

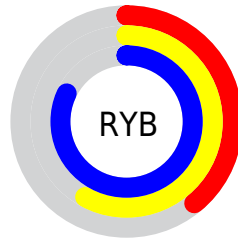
The Hex color **64B9D2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D27D64**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9EF1FF**, and **24849B** is the 20% darker color. If you saturate the color by 10%, you get **4FB4D2**, and if you desaturate by 10%, it is **79BED2**.

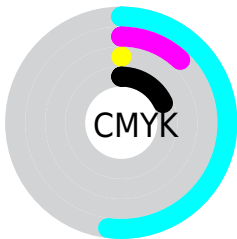
Distribution



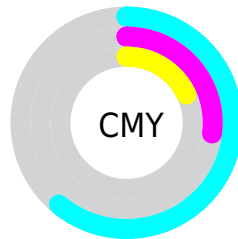
- Red (39%)
- Green (73%)
- Blue (82%)



- Red (39%)
- Yellow (58%)
- Blue (82%)



- Cyan (52%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (61%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B9D2 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 64B9D2 by changing the saturation by 10% instead.

64B9D2

64B9D2

FFFFFF

469EB6

9EF1FF

24849B

BBFFFF

006A81

D8FFFF

005268

F6FFFF

003B50

002539

000924

00000C

000000

■ 64B9D2

■ 64B9D2

■ 4FB4D2

■ 79BED2

■ 3AAFD2

■ 8EC3D2

■ 25ABD2

■ A3C7D2

■ 10A6D2

■ B8CCD2

■ 00A2D2

■ CDD1D2

■ E2D6D2

■ F7DAD2

■ FFD2D2

■ FFE4D2

Harmonies

Analogous

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



63BCBC



64B9D2



7EB3DE

Triad

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



64B9D2



D99CB9



B1B17D

Complementary

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



64B9D2



D27D64

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.



CAA87C



64B9D2



E19BA0

Square

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



64B9D2



C3A2D0



DBA089



94B78B

Rectangle

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



64B9D2



96AEDF



DBA089



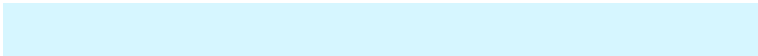
BAAE7B

Sweetspot

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



64B9D2



D6F6FF



64D27C



677A80



000000



808080

Same Dimension

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



64B9D2



5EDAFF



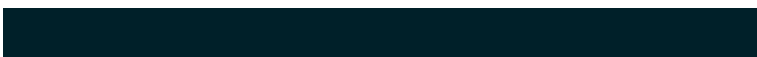
6483D2



5E6669



0082A8



002029

Inverse Universe

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



D264B9



FF5EDA



D2B364



695E66



A80082



290020

Previews

White Background



This preview shows how the Hex color 64B9D2 looks on a white background.

Color Contrast Check

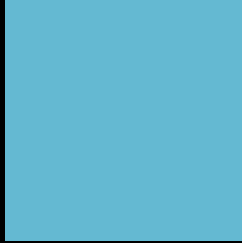
Large Text (above 18pt) WCAG AA × Fail

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 64B9D2 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 64B9D2 Background



This preview shows how black text looks on a background with the Hex color 64B9D2.

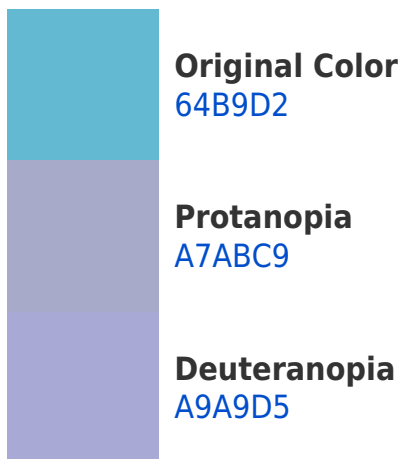


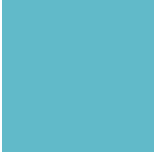
This preview shows how white text looks on a background with the Hex color 64B9D2.

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](#).

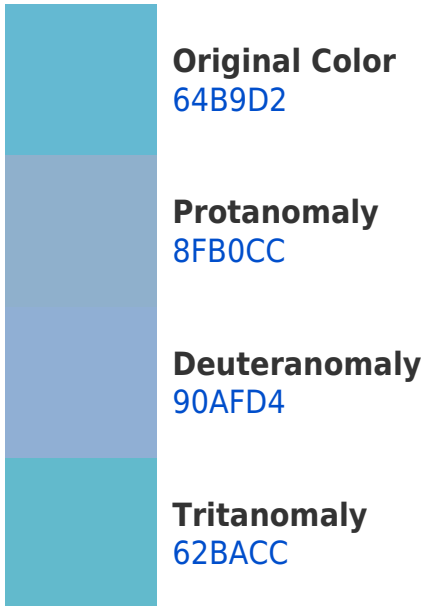
Dichromacy



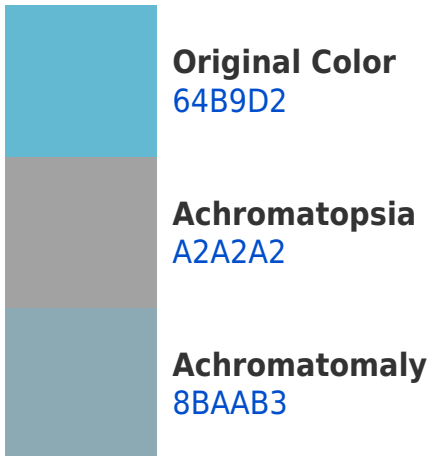


Tritanopia
61BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B9D2 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 #64B9D2 looks like.

```
.text, #text, p{  
    color:#64B9D2  
}
```

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 #64B9D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B9D2
}
```

Border

The CSS property to change the border of an element to Hex 64B9D2 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
#64B9D2 }
```

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

```
.border{ border-color:#64B9D2 }
```

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

Here you see how a box with a 4 pixel #64B9D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B9D2; -webkit-box-shadow:4px 4px  
4px 4px #64B9D2; box-shadow:4px 4px 4px  
4px #64B9D2 }
```

Background

The CSS property to change the background color of an element to Hex 64B9D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B9D2 }
```

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

```
.background{ background-color:#64B9D2 }
```

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