

Converting Colors

Hex(6BC5D2)

Have a look what the booklet for
Hex(6BC5D2) contains.

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Color

Hex(6BC5D2)

Conversions

Conversions Part 1

Format	Color
Hex	6BC5D2
RGB	107, 197, 210
RGB Percent	42%, 77%, 82%
CMY	0.5804, 0.2275, 0.1765
CMYK	0.49, 0.06, 0.00, 0.18
HSL	188°, 53%, 62%
HSV	188°, 49%, 82%
XYZ	37.6625, 47.7114, 68.1970
YIQ	171.5720, -57.8130, -15.0370

Conversions

Conversions Part 2

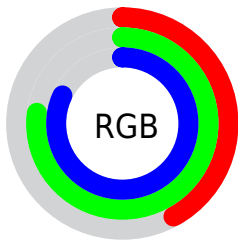
Format	Color
RYB	107, 155, 210
Decimal	7062994
CIELab	74.64, -23.45, -14.84
CIElCh	75, 27.752, 212.323
Yxy	47.7114, 0.2452, 0.3107
Android (android.graphics.Color)	4285253074 (0xFF6BC5D2)
YUV	171.5720, 18.9450, -56.6296
Hunter-Lab	69.0735, -23.5509, -10.1862

Details

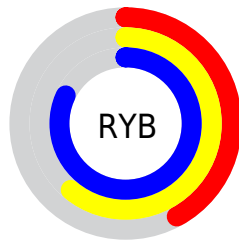
The Hex color **6BC5D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D2786B**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A5FEFF**, and **2D8F9C** is the 20% darker color. If you saturate the color by 10%, you get **56C2D2**, and if you desaturate by 10%, it is **80C8D2**.

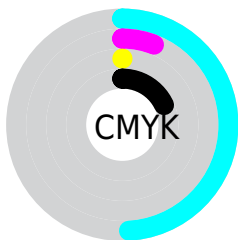
Distribution



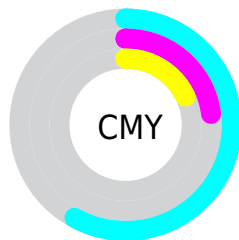
- Red (42%)
- Green (77%)
- Blue (82%)



- Red (42%)
- Yellow (61%)
- Blue (82%)



- Cyan (49%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (58%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC5D2 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 6BC5D2 by changing the saturation by 10% instead.

 6BC5D2

 6BC5D2

FFFFFF

 4EAAB6

 A5FEFF

 2D8F9C

 C2FFFF

 007582

 DFFFFF

 005C68

FDFFFF

 004450

 002E39

 001A24

 00010D

 000000

6BC5D2

6BC5D2

56C2D2

80C8D2

41C0D2

95CAD2

2CBDD2

AACDD2

17BAD2

BFD0D2

02B8D2

D4D2D2

00B7D2

E9D5D2

FED8D2

FFDAD2

FFDDD2

Harmonies

Analogous

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



76C6B9



6BC5D2



7AC1E4

Triad

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



6BC5D2



DAA9D0



C8B785

Complementary

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



6BC5D2



D2786B

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.



DEAE8B



6BC5D2



E9A5B7

Square

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



6BC5D2



BEB0E3



EAA79E



ADBE8C

Rectangle

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



6BC5D2



8FBCEA



EAA79E



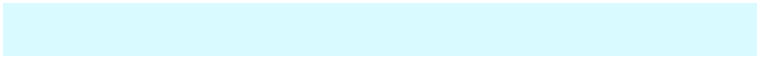
D0B485

Sweetspot

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



6BC5D2



D9FAFF



6BD277



697D80



000000



808080

Same Dimension

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



6BC5D2



69ECFF



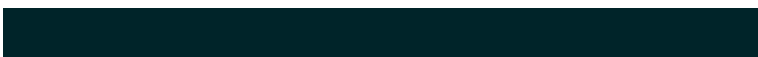
6B92D2



5E6769



0093A8



002429

Inverse Universe

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



D26BC5



FF69EC



D2AB6B



695E67



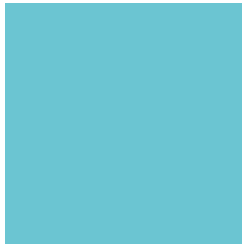
A80093



290024

Previews

White Background



This preview shows how the Hex color 6BC5D2 looks on a white background.

Color Contrast Check

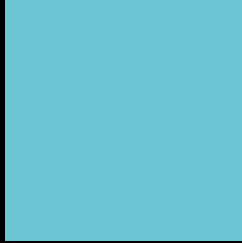
Large Text (above 18pt) WCAG AA × Fail

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 6BC5D2 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 6BC5D2 Background



This preview shows how black text looks on a background with the Hex color 6BC5D2.

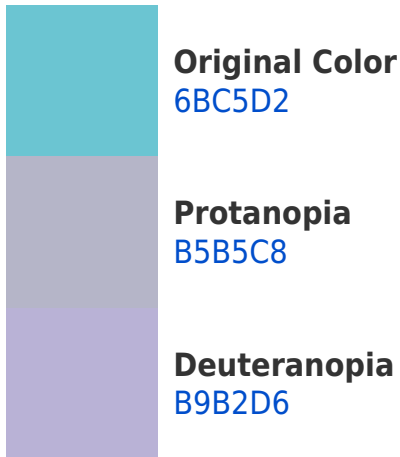


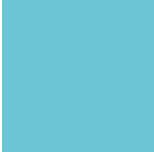
This preview shows how white text looks on a background with the Hex color 6BC5D2.

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](#).

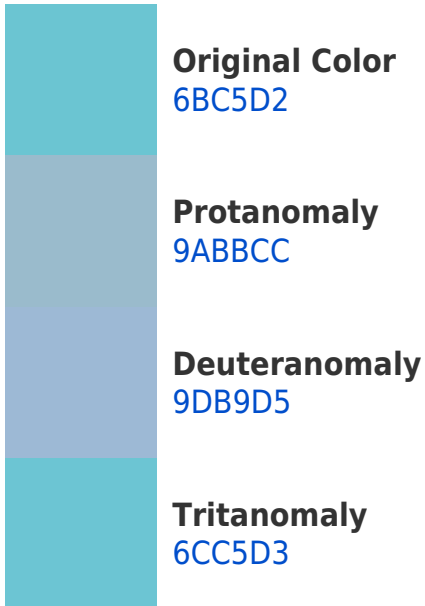
Dichromacy



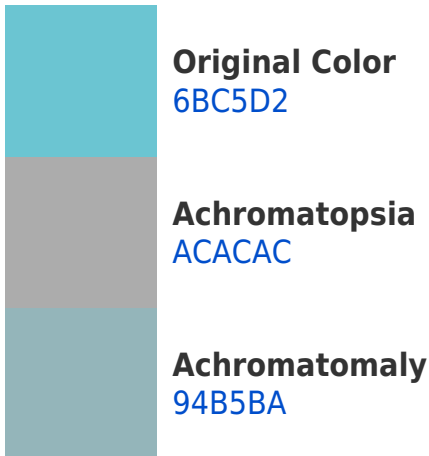


Tritanopia
6CC5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC5D2 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 #6BC5D2 looks like.

```
.text, #text, p{  
    color:#6BC5D2  
}
```

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 #6BC5D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC5D2
}
```

Border

The CSS property to change the border of an element to Hex 6BC5D2 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
#6BC5D2 }
```

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

```
.border{ border-color:#6BC5D2 }
```

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

Here you see how a box with a 4 pixel #6BC5D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC5D2; -webkit-box-shadow:4px 4px  
4px 4px #6BC5D2; box-shadow:4px 4px 4px  
4px #6BC5D2 }
```

Background

The CSS property to change the background color of an element to Hex 6BC5D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC5D2 }
```

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

```
.background{ background-color:#6BC5D2 }
```

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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