

Converting Colors

Hex(6BC4D7)

Have a look what the booklet for
Hex(6BC4D7) contains.

Hex(6BC4D7)	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(6BC4D7)

Conversions

Conversions Part 1

Format	Color
Hex	6BC4D7
RGB	107, 196, 215
RGB Percent	42%, 77%, 84%
CMY	0.5804, 0.2314, 0.1569
CMYK	0.50, 0.09, 0.00, 0.16
HSL	191°, 57%, 63%
HSV	191°, 50%, 84%
XYZ	38.0691, 47.5120, 71.4543
YIQ	171.5550, -59.1430, -12.9590

Conversions

Conversions Part 2

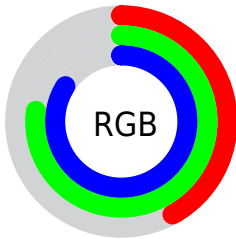
Format	Color
RYB	107, 156, 215
Decimal	7062743
CIELab	74.52, -21.59, -17.74
CIElCh	75, 27.943, 219.408
Yxy	47.5120, 0.2424, 0.3026
Android (android.graphics.Color)	4285252823 (0xFF6BC4D7)
YUV	171.5550, 21.4184, -56.6147
Hunter-Lab	68.9289, -22.0410, -13.2120

Details

The Hex color **6BC4D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D77E6B**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A5FDFF**, and **2D8EA0** is the 20% darker color. If you saturate the color by 10%, you get **56C0D7**, and if you desaturate by 10%, it is **81C8D7**.

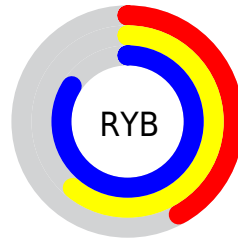
Distribution



Red (42%)

Green (77%)

Blue (84%)



Red (42%)

Yellow (61%)

Blue (84%)

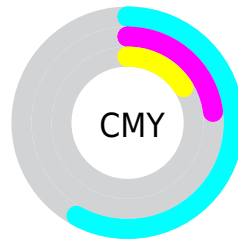


Cyan (50%)

Magenta (9%)

Yellow (0%)

Black (16%)



Cyan (58%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC4D7 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 6BC4D7 by changing the saturation by 10% instead.

 6BC4D7

 6BC4D7

FFFFFF

 4DA9BB

 A5FDFD

 2D8EA0

 C2FFFF

 007486

 DFFFFF

 005C6D

FDFDFF

 004454

 002D3D

 001A27

 000112

 000000

■ 6BC4D7

■ 6BC4D7

■ 56C0D7

■ 81C8D7

■ 40BCD7

■ 96CCD7

■ 2AB9D7

■ ACCFD7

■ 15B5D7

■ C1D3D7

■ 00B1D7

■ D7D7D7

■ ECDBD7

■ FFDED7

■ FFE2D7

■ FFE6D7

Harmonies

Analogous

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



70C6BF



6BC4D7



80BFE7

Triad

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



6BC4D7



DFA7CA



C2B884

Complementary

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



6BC4D7



D77E6B

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.



DAB088



6BC4D7



EBA5B0

Square

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



6BC4D7



C5AEDF



E8A898



A5C08F

Rectangle

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



6BC4D7



96BAEA



E8A898



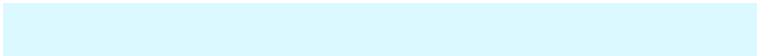
CAB584

Sweetspot

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



6BC4D7



D9F8FF



6BD77D



697B80



000000



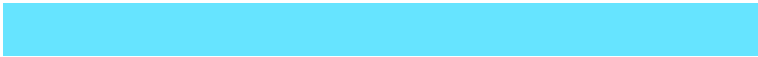
808080

Same Dimension

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



6BC4D7



66E4FF



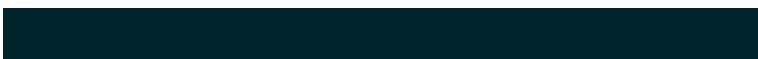
6B8FD7



60696B



008DAB



00242B

Inverse Universe

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



D76BC4



FF66E4



D7B36B



6B6069



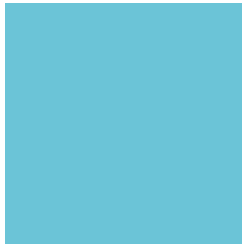
AB008D



2B0024

Previews

White Background



This preview shows how the Hex color 6BC4D7 looks on a white background.

Color Contrast Check

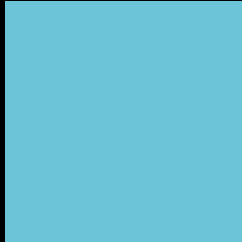
Large Text (above 18pt) WCAG AA × Fail

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 6BC4D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

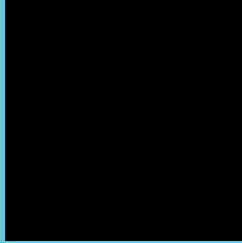
Any Text WCAG AA ✓ Pass

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 6BC4D7 Background



This preview shows how black text looks on a background with the Hex color 6BC4D7.

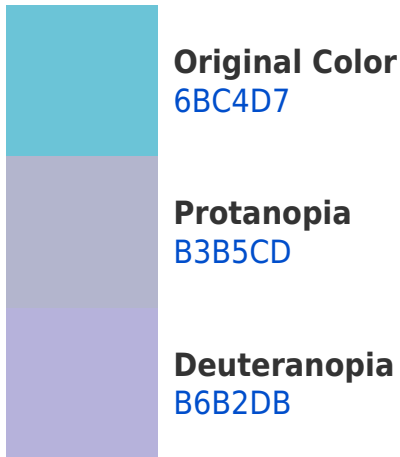


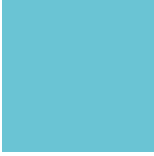
This preview shows how white text looks on a background with the Hex color 6BC4D7.

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](#).

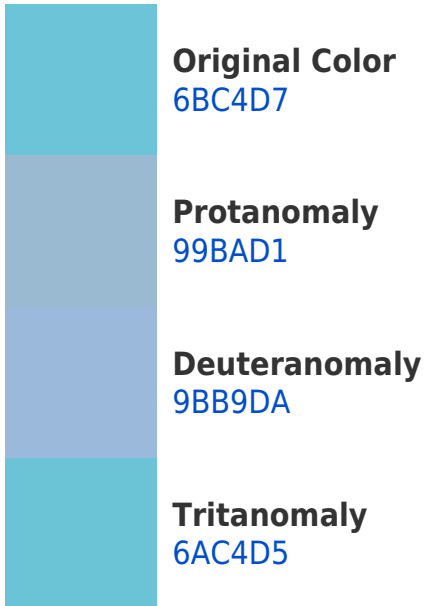
Dichromacy



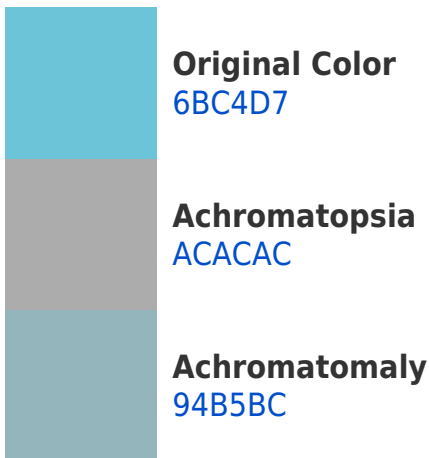


Tritanopia
6AC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC4D7 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 #6BC4D7 looks like.

```
.text, #text, p{  
    color:#6BC4D7  
}
```

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 #6BC4D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC4D7
}
```

Border

The CSS property to change the border of an element to Hex 6BC4D7 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
#6BC4D7 }
```

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

```
.border{ border-color:#6BC4D7 }
```

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

Here you see how a box with a 4 pixel #6BC4D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC4D7; -webkit-box-shadow:4px 4px  
4px 4px #6BC4D7; box-shadow:4px 4px 4px  
4px #6BC4D7 }
```

Background

The CSS property to change the background color of an element to Hex 6BC4D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC4D7 }
```

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

```
.background{ background-color:#6BC4D7 }
```

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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