

Converting Colors

Hex(6BCAE0)

Have a look what the booklet for
Hex(6BCAE0) contains.

Hex(6BCAE0)	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(6BCAE0)

Conversions

Conversions Part 1

Format	Color
Hex	6BCAE0
RGB	107, 202, 224
RGB Percent	42%, 79%, 88%
CMY	0.5804, 0.2078, 0.1216
CMYK	0.52, 0.10, 0.00, 0.12
HSL	191°, 65%, 65%
HSV	191°, 52%, 88%
XYZ	40.6385, 50.7487, 78.1746
YIQ	176.1030, -63.6820, -13.2980

Conversions

Conversions Part 2

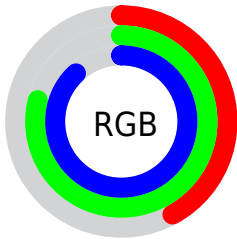
Format	Color
R _{YB}	107, 159, 224
Decimal	7064288
CIE _{Lab}	76.53, -22.14, -19.56
CIE _{LCh}	77, 29.545, 221.453
Yxy	50.7487, 0.2397, 0.2993
Android (android.graphics.Color)	4285254368 (0xFF6BCAE0)
YUV	176.1030, 23.6132, -60.6033
Hunter-Lab	71.2381, -22.8396, -15.1964

Details

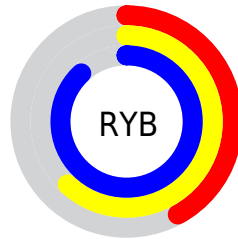
The Hex color **6BCAE0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E0816B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A6FFFF**, and **2A94A9** is the 20% darker color. If you saturate the color by 10%, you get **55C6E0**, and if you desaturate by 10%, it is **81CEE0**.

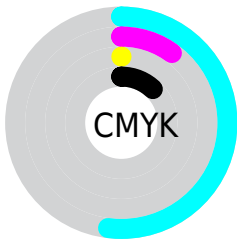
Distribution



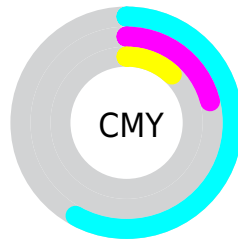
- Red (42%)
- Green (79%)
- Blue (88%)



- Red (42%)
- Yellow (62%)
- Blue (88%)



- Cyan (52%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (58%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BCAE0 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 6BCAE0 by changing the saturation by 10% instead.

 6BCAE0

 6BCAE0

FFFFFF

 4DAEC4

 A6FFFF

 2A94A9

 C3FFFF

 007A8E

 E1FFFF

 006175

 00495C

 003244

 001E2E

 00011A

 000000

6BCAE0

6BCAE0

55C6E0

81CEE0

3EC2E0

98D2E0

28BDE0

AED7E0

11B9E0

C5DBE0

00B6E0

DBDFE0

F1E3E0

FFE7E0

FFECE0

FFF0E0

Harmonies

Analogous

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



6FCCC7



6BCAE0



83C4F0

Triad

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



6BCAE0



E8ABCF



C6BE87

Complementary

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



6BCAE0



E0816B

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.



E0B58A



6BCAE0



F4A9B3

Square

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



6BCAE0



CEB2E6



F0AD9A



A7C693

Rectangle

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



6BCAE0



9CBFF3



F0AD9A



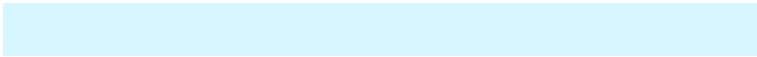
CFBB86

Sweetspot

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



6BCAE0



D6F7FF



6BE080



677B80



000000



808080

Same Dimension

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



6BCAEO



5EE1FF



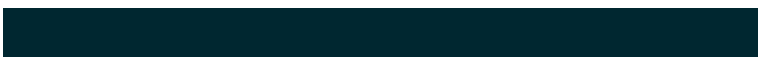
6B90E0



656E70



008FB0



002730

Inverse Universe

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



E06BCA



FF5EE1



E0BB6B



70656E



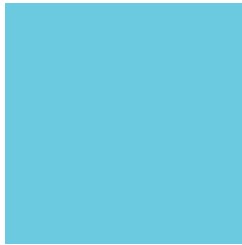
B0008F



300027

Previews

White Background



This preview shows how the Hex color 6BCAE0 looks on a white background.

Color Contrast Check

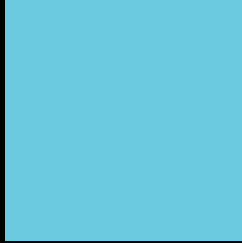
Large Text (above 18pt) WCAG AA × Fail

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 6BCAE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

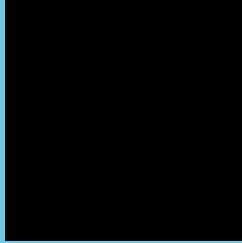
Any Text WCAG AA ✓ Pass

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 6BCAE0 Background



This preview shows how black text looks on a background with the Hex color 6BCAE0.



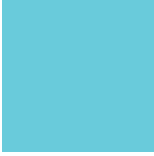
This preview shows how white text looks on a background with the Hex color 6BCAE0.

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](#).

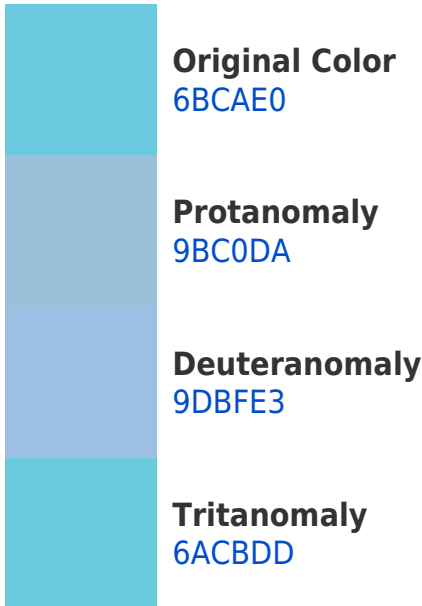
Dichromacy





Tritanopia
69CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BCAE0 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 #6BCAE0 looks like.

```
.text, #text, p{  
    color:#6BCAE0  
}
```

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 #6BCAE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BCAE0  
}
```

Border

The CSS property to change the border of an element to Hex 6BCAE0 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  
#6BCAE0 }
```

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

```
.border{ border-color:#6BCAE0 }
```

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

Here you see how a box with a 4 pixel #6BCAE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BCAE0; -webkit-box-shadow:4px 4px  
4px 4px #6BCAE0; box-shadow:4px 4px 4px  
4px #6BCAE0 }
```

Background

The CSS property to change the background color of an element to Hex 6BCAE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BCAE0 }
```

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

```
.background{ background-color:#6BCAE0 }
```

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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