

Converting Colors

Hex(6BCFCE)

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

Hex(6BCFCE)	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(6BCFCE)

Conversions

Conversions Part 1

Format	Color
Hex	6BCFCE
RGB	107, 207, 206
RGB Percent	42%, 81%, 81%
CMY	0.5804, 0.1882, 0.1922
CMYK	0.48, 0.00, 0.00, 0.19
HSL	179°, 51%, 62%
HSV	179°, 48%, 81%
XYZ	39.5168, 52.2077, 66.3869
YIQ	176.9860, -59.2790, -21.5110

Conversions

Conversions Part 2

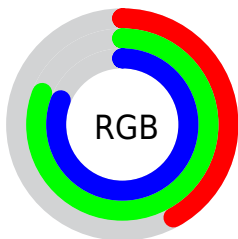
Format	Color
RYB	107, 157, 207
Decimal	7065550
CIELab	77.40, -29.43, -8.55
CIElCh	77, 30.644, 196.198
Yxy	52.2077, 0.2499, 0.3302
Android (android.graphics.Color)	4285255630 (0xFF6BCFCE)
YUV	176.9860, 14.3039, -61.3777
Hunter-Lab	72.2549, -28.8229, -3.8965

Details

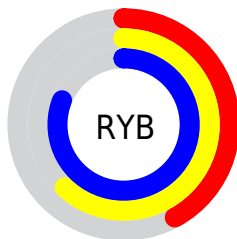
The Hex color **6BCFCE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF6B6C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A5FFFF**, and **2C9898** is the 20% darker color. If you saturate the color by 10%, you get **56CFCE**, and if you desaturate by 10%, it is **80CFCE**.

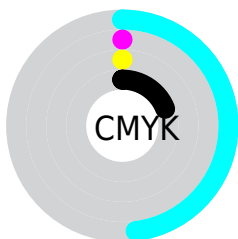
Distribution



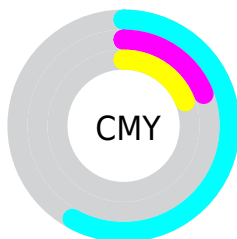
- Red (42%)
- Green (81%)
- Blue (81%)



- Red (42%)
- Yellow (62%)
- Blue (81%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 6BCFCE

 6BCFCE

FFFFFF

 4DB3B3

 A5FFFF

 2C9898

 C2FFFF

 007E7E

 E0FFFF

 006565

FEFFFF

 004C4D

 003536

 002121

 00000A

 000000

 6BCFCE

 6BCFCE

 56CFCE

 80CFCE

 42CFCE

 94CFCE

 2DCFCD

 A9CFCF

 18CFCD

 BECFCF

 03CFCD

 D3CFCF

 00CFCD

 E7CFCF

 FCCFCF

 FFCFD0

Harmonies

Analogous

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



83CEB1



6BCFCE



6BCCE7

Triad

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



6BCFCE



D6B3E7



DFB989

Complementary

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



6BCFCE



CF6B6C

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.



F2B097



6BCFCE



EFACCE

Square

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



6BCFCE



B1BDF5



F9ABB1



C4C288

Rectangle

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



6BCFCE



7CC8F2



F9ABB1



E7B68C

Sweetspot

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



6BCFCE



DBFFFF



6DCF6B



6A807F



000000



808080

Same Dimension

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



6BCFCE



6BFFFE



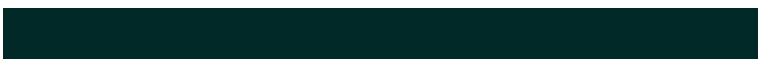
6B9FCF



5E6968



00A8A7



002928

Inverse Universe

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



CF6B6C



FF6B6D



CF9B6B



695E5E



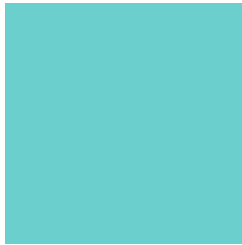
A80002



290000

Previews

White Background



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

Color Contrast Check

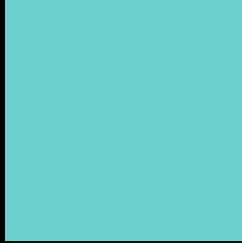
Large Text (above 18pt) WCAG AA × Fail

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 6BCFCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

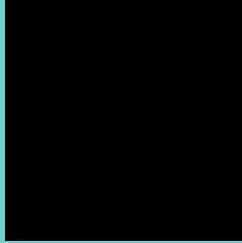
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

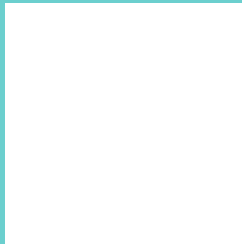
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6BCFCE Background



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

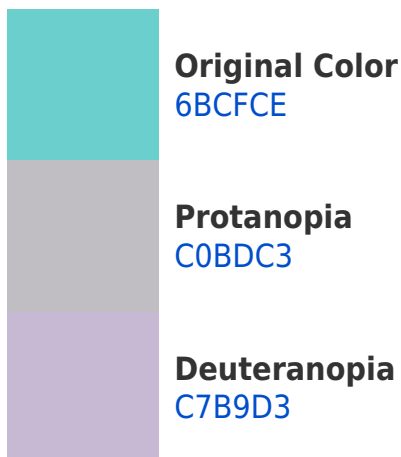


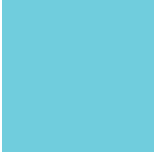
This preview shows how white text looks on a background with the Hex color 6BCFCE.

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
70CDDD

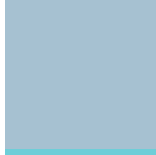
Trichromacy



Original Color
6BCFCE



Protanomaly
A1C4C7



Deuteranomaly
A6C1D1

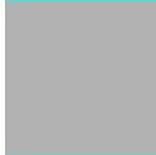


Tritanomaly
6ECED8

Monochromacy



Original Color
6BCFCE



Achromatopsia
B1B1B1



Achromatomaly
98BCBC

CSS Examples

Text

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

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

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 #6BCFCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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