

Converting Colors

Hex(6FCEB4)

Have a look what the booklet for
Hex(6FCEB4) contains.

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Color

Hex(6FCEB4)

Conversions

Conversions Part 1

Format	Color
Hex	6FCEB4
RGB	111, 206, 180
RGB Percent	44%, 81%, 71%
CMY	0.5647, 0.1922, 0.2941
CMYK	0.46, 0.00, 0.13, 0.19
HSL	164°, 49%, 62%
HSV	164°, 46%, 81%
XYZ	36.8651, 50.8174, 51.0458
YIQ	174.6310, -48.2740, -28.2260

Conversions

Conversions Part 2

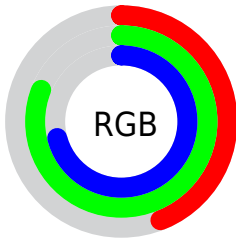
Format	Color
RYB	111, 166, 206
Decimal	7327412
CIELab	76.57, -34.36, 4.23
CIElCh	77, 34.623, 172.979
Yxy	50.8174, 0.2657, 0.3663
Android (android.graphics.Color)	4285517492 (0xFF6FCEB4)
YUV	174.6310, 2.6469, -55.8044
Hunter-Lab	71.2863, -32.4414, 7.4448

Details

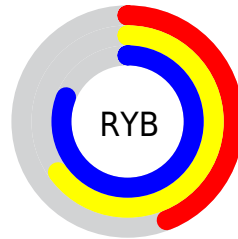
The Hex color **6FCEB4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE6F89**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A7FFEC**, and **35977F** is the 20% darker color. If you saturate the color by 10%, you get **5ACEAE**, and if you desaturate by 10%, it is **84CEBA**.

Distribution



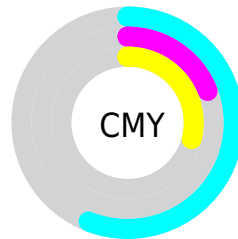
- Red (44%)
- Green (81%)
- Blue (71%)



- Red (44%)
- Yellow (65%)
- Blue (81%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (56%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FCEB4 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 6FCEB4 by changing the saturation by 10% instead.

 6FCEB4

 6FCEB4

FFFFFF

 53B299

 A7FFEC

 35977F

 C4FFFF

 0E7D66

 E1FFFF

 00634E

 004B38

 003322

 001F0C

 000000

 6FCEB4


 6FCEB4

 5ACEAE

 84CEBA

 46CEA9

 98CEBF

 31CEA3

 ADCEC5

 1DCE9D

 C1CECB

 08CE98

 D6CED0

 00CE96

 EBCED6

 FFCEDB

 FFCEE1

 FFCEE7

Harmonies

Analogous

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



95CA95



6FCEB4



53CED5

Triad

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



6FCEB4



B7B7F8



F2AE8B

Complementary

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



6FCEB4



CE6F89

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.



FDA6A5



6FCEB4



DEACE4

Square

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



6FCEB4



86C2FC



F7A5C6



DAB87D

Rectangle

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



6FCEB4



53CCE8



F7A5C6



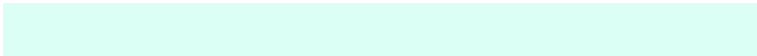
F7AA93

Sweetspot

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



6FCEB4



DBFFF5



8ACE6F



6A807A



000000



808080

Same Dimension

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



6FCEB4



73FFD9



6FB9CE



5C6663



00A678



00261C

Inverse Universe

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



CE6F89



FF7399



CE846F



665C5F



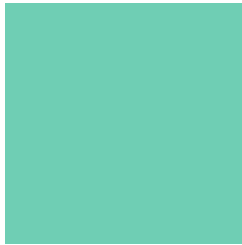
A6002D



26000A

Previews

White Background



This preview shows how the Hex color 6FCEB4 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 6FCEB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

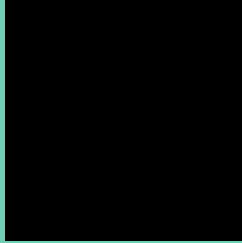
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

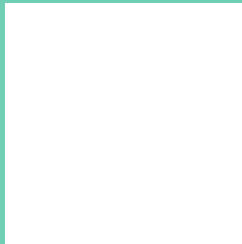
Any Text WCAG AAA ✓ Pass

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

Hex 6FCEB4 Background



This preview shows how black text looks on a background with the Hex color 6FCEB4.



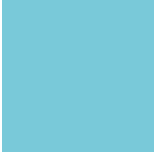
This preview shows how white text looks on a background with the Hex color 6FCEB4.

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
79C9D9

Trichromacy



Original Color
6FCEB4



Protanomaly
A4C2AE



Deuteranomaly
ACBFB7



Tritanomaly
75CBCC

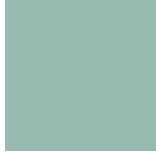
Monochromacy



Original Color
6FCEB4



Achromatopsia
AFAFAF



Achromatomaly
98BAB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FCEB4 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 #6FCEB4 looks like.

```
.text, #text, p{  
    color:#6FCEB4  
}
```

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 #6FCEB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FCEB4
}
```

Border

The CSS property to change the border of an element to Hex 6FCEB4 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
#6FCEB4 }
```

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

```
.border{ border-color:#6FCEB4 }
```

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

Here you see how a box with a 4 pixel #6FCEB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FCEB4; -webkit-box-shadow:4px 4px  
4px 4px #6FCEB4; box-shadow:4px 4px 4px  
4px #6FCEB4 }
```

Background

The CSS property to change the background color of an element to Hex 6FCEB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FCEB4 }
```

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

```
.background{ background-color:#6FCEB4 }
```

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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