

Converting Colors

Hex(6CE2B4)

Have a look what the booklet for
Hex(6CE2B4) contains.

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Color

Hex(6CE2B4)

Conversions

Conversions Part 1

Format	Color
Hex	6CE2B4
RGB	108, 226, 180
RGB Percent	42%, 89%, 71%
CMY	0.5765, 0.1137, 0.2941
CMYK	0.52, 0.00, 0.20, 0.11
HSL	157°, 67%, 65%
HSV	157°, 52%, 89%
XYZ	41.6189, 60.8761, 52.7367
YIQ	185.4740, -55.5620, -39.3220

Conversions

Conversions Part 2

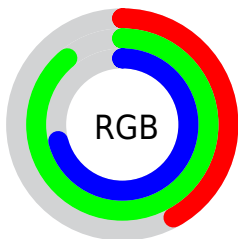
Format	Color
RYB	108, 181, 226
Decimal	7135924
CIELab	82.31, -44.08, 12.44
CIElCh	82, 45.798, 164.241
Yxy	60.8761, 0.2681, 0.3922
Android (android.graphics.Color)	4285326004 (0xFF6CE2B4)
YUV	185.4740, -2.6987, -67.9447
Hunter-Lab	78.0232, -41.3255, 14.5414

Details

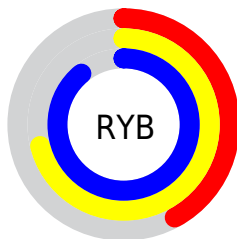
The Hex color **6CE2B4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E26C9A**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A6FFEC**, and **2CAA7F** is the 20% darker color. If you saturate the color by 10%, you get **55E2AB**, and if you desaturate by 10%, it is **83E2BD**.

Distribution



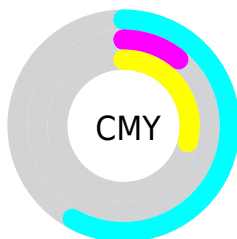
- Red (42%)
- Green (89%)
- Blue (71%)



- Red (42%)
- Yellow (71%)
- Blue (89%)



- Cyan (52%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)



- Cyan (58%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CE2B4 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 6CE2B4 by changing the saturation by 10% instead.

 6CE2B4

 6CE2B4


FFFFFF

 4EC699

 A6FFEC

 2CAA7F

 C4FFFF

 008F66

 E2FFFF

 00754E

 005B37

 004321

 002C0C

 000F00

 000000

 6CE2B4

 6CE2B4

 55E2AB

 83E2BD

 3FE2A2

 99E2C6

 28E29A

 B0E2CE

 12E291

 C6E2D7

 00E28A

 DDE2E0

 F4E2E9

 FFE2F2

 FFE2FA

 FFE2FF

Harmonies

Analogous

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



A4DC8E



6CE2B4



17E4E0

Triad

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



6CE2B4



AFCAFF



FFB493

Complementary

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



6CE2B4



E26C9A

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.



FFABBA



6CE2B4



EBBAFF

Square

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



6CE2B4



60D8FF



FFAEE5



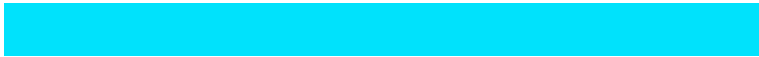
FCC27A

Rectangle

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



6CE2B4



00E2FC



FFAEE5



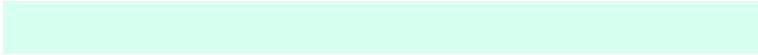
FFB09F

Sweetspot

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



6CE2B4



D6FFEF



9BE26C



678076



000000



808080

Same Dimension

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



6CE2B4



5EFFC0



6CD6E2



65706C



00B06B



00301E

Inverse Universe

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



E26C9A



FF5E9D



E2786C



706569



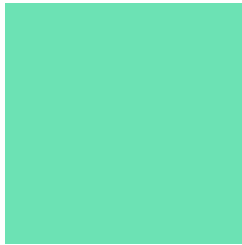
B00045



300013

Previews

White Background



This preview shows how the Hex color 6CE2B4 looks on a white background.

Color Contrast Check

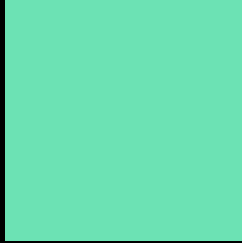
Large Text (above 18pt) WCAG AA × Fail

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 6CE2B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

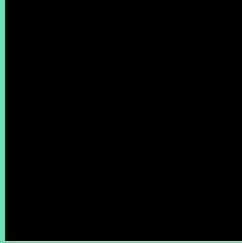
Any Text WCAG AA ✓ Pass

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 6CE2B4 Background



This preview shows how black text looks on a background with the Hex color 6CE2B4.

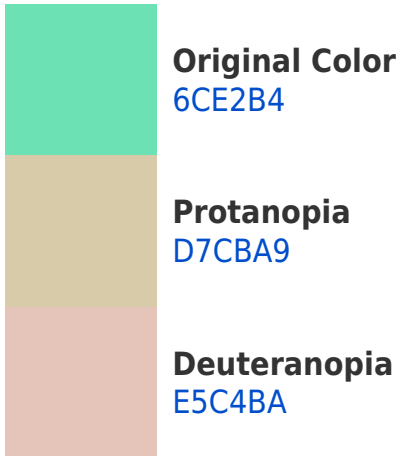


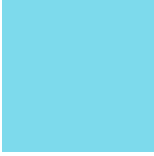
This preview shows how white text looks on a background with the Hex color 6CE2B4.

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





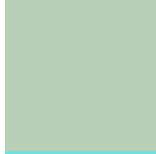
Trichromacy



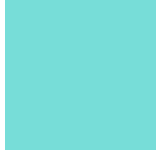
Original Color
6CE2B4



Protanomaly
B0D3AD



Deuteranomaly
B9CFB8

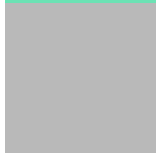


Tritanomaly
77DDD8

Monochromacy



Original Color
6CE2B4



Achromatopsia
B9B9B9



Achromatomaly
9DC8B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CE2B4 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 #6CE2B4 looks like.

```
.text, #text, p{  
    color:#6CE2B4  
}
```

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 #6CE2B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CE2B4
}
```

Border

The CSS property to change the border of an element to Hex 6CE2B4 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
#6CE2B4 }
```

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

```
.border{ border-color:#6CE2B4 }
```

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

Here you see how a box with a 4 pixel #6CE2B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CE2B4; -webkit-box-shadow:4px 4px  
4px 4px #6CE2B4; box-shadow:4px 4px 4px  
4px #6CE2B4 }
```

Background

The CSS property to change the background color of an element to Hex 6CE2B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CE2B4 }
```

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

```
.background{ background-color:#6CE2B4 }
```

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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