

Converting Colors

Hex(6CE2E7)

Have a look what the booklet for
Hex(6CE2E7) contains.

Hex(6CE2E7)	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(6CE2E7)

Conversions

Conversions Part 1

Format	Color
Hex	6CE2E7
RGB	108, 226, 231
RGB Percent	42%, 89%, 91%
CMY	0.5765, 0.1137, 0.0941
CMYK	0.53, 0.02, 0.00, 0.09
HSL	182°, 72%, 66%
HSV	182°, 53%, 91%
XYZ	47.8045, 63.3504, 85.3096
YIQ	191.2880, -71.9330, -23.4610

Conversions

Conversions Part 2

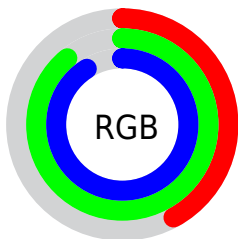
Format	Color
RYB	108, 168, 231
Decimal	7135975
CIELab	83.63, -31.79, -12.61
CIELCh	84, 34.202, 201.632
Yxy	63.3504, 0.2433, 0.3225
Android (android.graphics.Color)	4285326055 (0xFF6CE2E7)
YUV	191.2880, 19.5780, -73.0436
Hunter-Lab	79.5930, -32.0784, -7.8333

Details

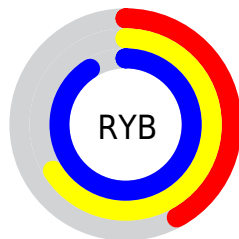
The Hex color **6CE2E7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E7716C**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A8FFFF**, and **25AAAF** is the 20% darker color. If you saturate the color by 10%, you get **55E1E7**, and if you desaturate by 10%, it is **83E3E7**.

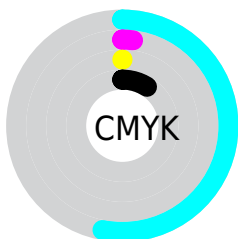
Distribution



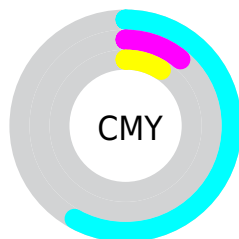
- Red (42%)
- Green (89%)
- Blue (91%)



- Red (42%)
- Yellow (66%)
- Blue (91%)



- Cyan (53%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (58%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CE2E7 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 6CE2E7 by changing the saturation by 10% instead.

 6CE2E7

 6CE2E7

FFFFFF

 4CC6CB

 A8FFFF

 25AAAF

 C6FFFF

 008F95

 E5FFFF

 00757B

 005C62

 00444A

 002D34

 00161F

 000004

 6CE2E7

 6CE2E7

 55E1E7

 83E3E7

 3EE0E7

 9AE4E7

 27DFE7

 B1E5E7

 10DEE7

 C8E6E7

 00DEE7

 E0E7E7

 F7E8E7

 FFE9E7

 FFEAE7

Harmonies

Analogous

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



86E2C6



6CE2E7



73DEFF

Triad

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



6CE2E7



F1C0F9



F0CB91

Complementary

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



6CE2E7



E7716C

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.



FFC19F



6CE2E7



FFB9DB

Square

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



6CE2E7



C9CBFF



FFBABA



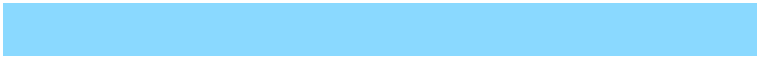
CFD694

Rectangle

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



6CE2E7



8AD9FF



FFBABA



F9C894

Sweetspot

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



6CE2E7



D6FDFD



6CE770



677F80



000000



808080

Same Dimension

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



6CE2E7



5CF8FF



6CA5E7



677273



00ABB3



003133

Inverse Universe

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



E76CE2



FF5CF8



E7AE6C



736772



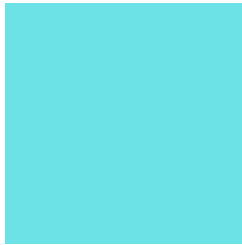
B300AB



330031

Previews

White Background



This preview shows how the Hex color 6CE2E7 looks on a white background.

Color Contrast Check

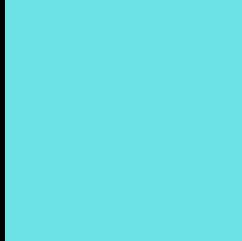
Large Text (above 18pt) WCAG AA × Fail

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 6CE2E7 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 6CE2E7 Background



This preview shows how black text looks on a background with the Hex color 6CE2E7.

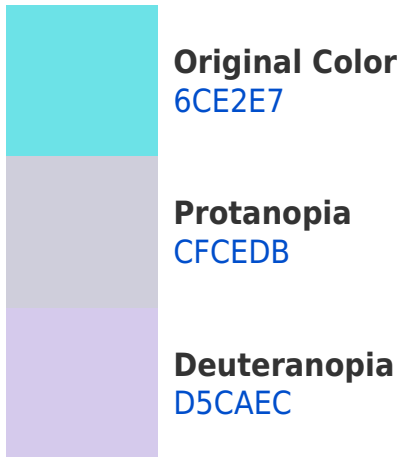


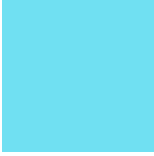
This preview shows how white text looks on a background with the Hex color 6CE2E7.

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](#).

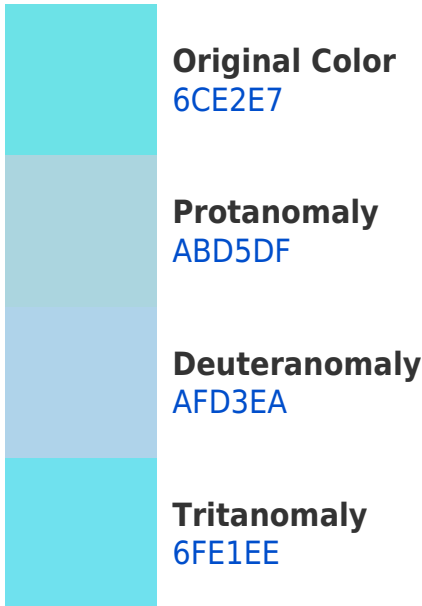
Dichromacy



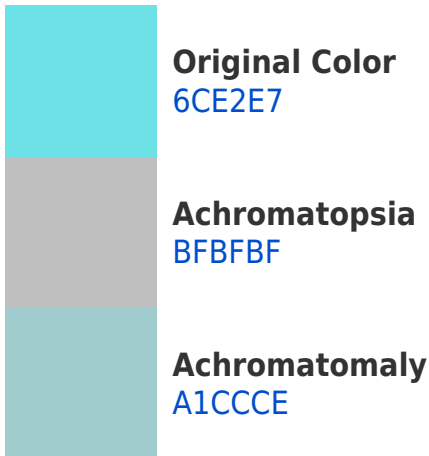


Tritanopia
70E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CE2E7 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 #6CE2E7 looks like.

```
.text, #text, p{  
    color:#6CE2E7  
}
```

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 #6CE2E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CE2E7
}
```

Border

The CSS property to change the border of an element to Hex 6CE2E7 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
#6CE2E7 }
```

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

```
.border{ border-color:#6CE2E7 }
```

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

Here you see how a box with a 4 pixel #6CE2E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CE2E7; -webkit-box-shadow:4px 4px  
4px 4px #6CE2E7; box-shadow:4px 4px 4px  
4px #6CE2E7 }
```

Background

The CSS property to change the background color of an element to Hex 6CE2E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CE2E7 }
```

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

```
.background{ background-color:#6CE2E7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor