

Converting Colors

Hex(6CDEC6)

Have a look what the booklet for
Hex(6CDEC6) contains.

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Color

Hex(6CDEC6)

Conversions

Conversions Part 1

Format	Color
Hex	6CDEC6
RGB	108, 222, 198
RGB Percent	42%, 87%, 78%
CMY	0.5765, 0.1294, 0.2235
CMYK	0.51, 0.00, 0.11, 0.13
HSL	167°, 63%, 65%
HSV	167°, 51%, 87%
XYZ	42.4987, 59.5079, 62.6723
YIQ	185.1780, -60.2400, -31.6320

Conversions

Conversions Part 2

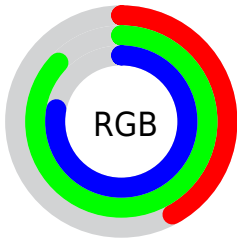
Format	Color
RYB	108, 172, 222
Decimal	7134918
CIELab	81.57, -38.22, 1.86
CIELCh	82, 38.266, 177.219
Yxy	59.5079, 0.2581, 0.3614
Android (android.graphics.Color)	4285324998 (0xFF6CDEC6)
YUV	185.1780, 6.3212, -67.6851
Hunter-Lab	77.1414, -36.6583, 5.8297

Details

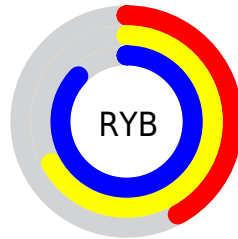
The Hex color **6CDEC6** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **DE6C84**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A7FFFF**, and **2BA690** is the 20% darker color. If you saturate the color by 10%, you get **56DEC1**, and if you desaturate by 10%, it is **82DECB**.

Distribution



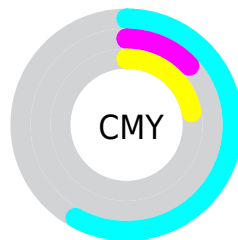
- Red (42%)
- Green (87%)
- Blue (78%)



- Red (42%)
- Yellow (67%)
- Blue (87%)



- Cyan (51%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (58%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CDEC6 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 6CDEC6 by changing the saturation by 10% instead.

 6CDEC6

 6CDEC6

FFFFFF

 4EC2AB

 A7FFFF

 2BA690

 C4FFFF

 008B77

 E2FFFF

 00715E

 005846

 004030

 002A1B

 000B01

 000000

 6CDEC6

 6CDEC6

 56DEC1

 82DECB

 40DEBD

 98DECF

 29DEB8

 AFDED4

 13DEB3

 C5DED9

 00DEAF

 DBDEDD

 F1DEE2

 FFDEE7

 FFDEEB

 FFDEFO

Harmonies

Analogous

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



97DAA3



6CDEC6



4DDEEA

Triad

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



6CDEC6



CBC3FF



FFBB90

Complementary

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



6CDEC6



DE6C84

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.



FFB2AC



6CDEC6



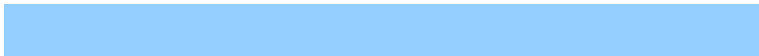
F5B7F2

Square

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



6CDEC6



94CFFF



FFB0CF



E6C783

Rectangle

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



6CDEC6



53DBFE



FFB0CF



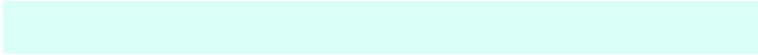
FFB798

Sweetspot

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



6CDEC6



D9FFF7



85DE6C



69807B



000000



808080

Same Dimension

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



6CDEC6



61FFDE



6CBEDE



65706E



00B08B



003026

Inverse Universe

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



DE6C84



FF6182



DE8C6C



706567



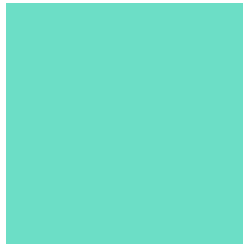
B00025



30000A

Previews

White Background



This preview shows how the Hex color 6CDEC6 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 6CDEC6 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

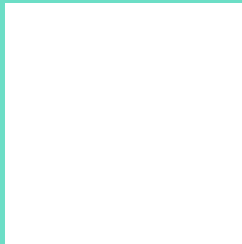
Any Text WCAG AAA ✓ Pass

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

Hex 6CDEC6 Background



This preview shows how black text looks on a background with the Hex color 6CDEC6.

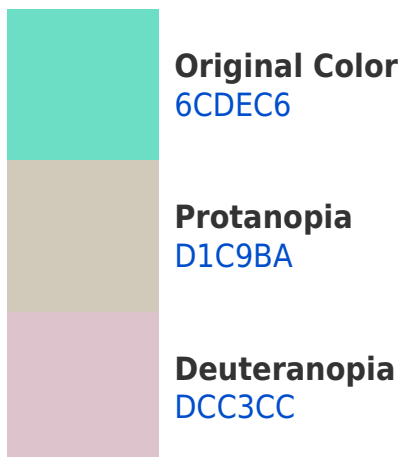


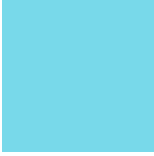
This preview shows how white text looks on a background with the Hex color 6CDEC6.

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
78D9EA

Trichromacy



Original Color
6CDEC6



Protanomaly
ACD1BE



Deuteranomaly
B3CDCA



Tritanomaly
74DBDD

Monochromacy



Original Color
6CDEC6



Achromatopsia
B9B9B9



Achromatomaly
9DC6BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CDEC6 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 #6CDEC6 looks like.

```
.text, #text, p{  
    color:#6CDEC6  
}
```

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 #6CDEC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CDEC6  
}
```

Border

The CSS property to change the border of an element to Hex 6CDEC6 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  
#6CDEC6 }
```

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

```
.border{ border-color:#6CDEC6 }
```

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

Here you see how a box with a 4 pixel #6CDEC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CDEC6; -webkit-box-shadow:4px 4px  
4px 4px #6CDEC6; box-shadow:4px 4px 4px  
4px #6CDEC6 }
```

Background

The CSS property to change the background color of an element to Hex 6CDEC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CDEC6 }
```

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

```
.background{ background-color:#6CDEC6 }
```

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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