

Converting Colors

Hex(3CEDCD)

Have a look what the booklet for
Hex(3CEDCD) contains.

| | |
|--|----|
| Hex(3CEDCD) | 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(3CEDCD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3CEDCD |
| RGB | 60, 237, 205 |
| RGB Percent | 24%, 93%, 80% |
| CMY | 0.7647, 0.0706, 0.1961 |
| CMYK | 0.75, 0.00, 0.14, 0.07 |
| HSL | 169°, 83%, 58% |
| HSV | 169°, 75%, 93% |
| XYZ | 43.1671, 65.9368, 68.2095 |
| YIQ | 180.4290, -95.2200, -47.4760 |

Conversions

Conversions Part 2

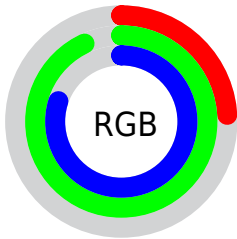
| Format | Color |
|-------------------------------------|--|
| RYB | 60, 157, 237 |
| Decimal | 3993037 |
| CIELab | 84.96, -50.86, 2.95 |
| CIELCh | 85, 50.942, 176.684 |
| Yxy | 65.9368, 0.2435, 0.3719 |
| Android (android.graphics.Color) | 4282183117 (0xFF3CEDCD) |
| YUV | 180.4290, 12.1135, -105.6162 |
| Hunter-Lab | 81.2015, -47.2111, 7.0372 |

Details

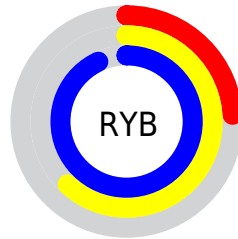
The Hex color **3CEDCD** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **ED3C5C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **85FFFF**, and **00B497** is the 20% darker color. If you saturate the color by 10%, you get **24EDC9**, and if you desaturate by 10%, it is **54EDD1**.

Distribution



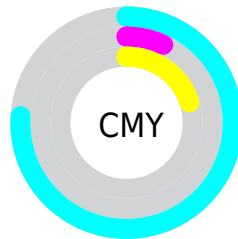
- Red (24%)
- Green (93%)
- Blue (80%)



- Red (24%)
- Yellow (62%)
- Blue (93%)



- Cyan (75%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



- Cyan (76%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CEDCD 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 3CEDCD by changing the saturation by 10% instead.

 3CEDCD

 3CEDCD

FFFFFF

 00D0B2

 85FFFF

 00B497

 A5FFFF

 00997D

 C4FFFF

 007E64

 E4FFFF

 00644C

 004B36

 003320

 001A0A

 000000

 3CEDCD

 3CEDCD

 24EDC9

 54EDD1

 0DEDC4

 6BEDD6

 00EDC2

 83EDDA

 9BEDDE

 B3EDE2

 CAEDE7

 E2EDEB

 FAEDEF

 FFEDF4

Harmonies

Analogous

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



8DE89E



3CEDCD



00EDFE

Triad

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



3CEDCD



D1CAFF



FFBE85

Complementary

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



3CEDCD



ED3C5C

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.



FFB1AB



3CEDCD



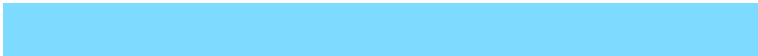
FFB8FF

Square

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



3CEDCD



7DDBFF



FFAEDC



F7D073

Rectangle

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



3CEDCD



00E9FF



FFAEDC



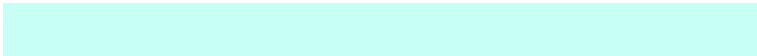
FFB990

Sweetspot

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



3CEDCD



C7FFF5



5CED3C



5E807A



000000



808080

Same Dimension

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



3CEDCD



19FFD6



3CB5ED



6A7573



00B594



00362C

Inverse Universe

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



ED3C5C



FF1943



ED743C



756A6C



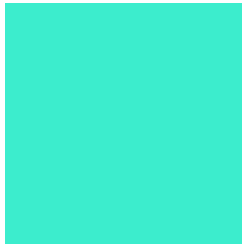
B50021



36000A

Previews

White Background



This preview shows how the Hex color 3CEDCD looks on a white background.

Color Contrast Check

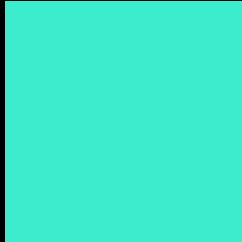
Large Text (above 18pt) WCAG AA × Fail

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 3CEDCD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

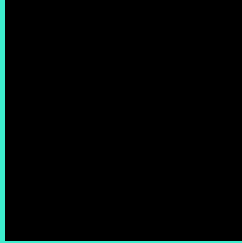
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

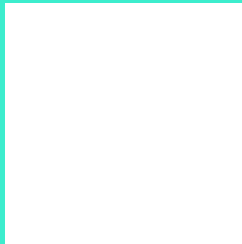
Any Text WCAG AAA ✓ Pass

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

Hex 3CEDCD Background



This preview shows how black text looks on a background with the Hex color 3CEDCD.

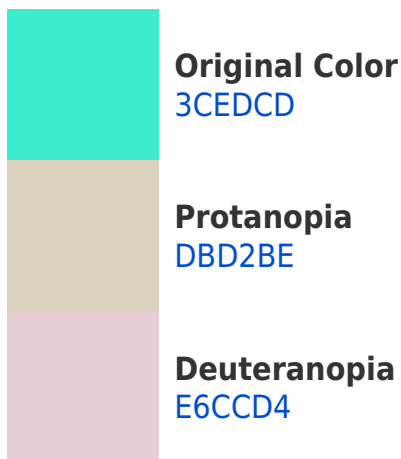


This preview shows how white text looks on a background with the Hex color 3CEDCD.

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



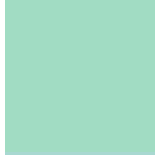


Tritanopia
55E7F9

Trichromacy



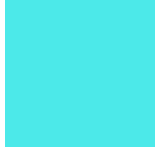
Original Color
3CEDCD



Protanomaly
A1DCC3



Deuteranomaly
A8D8D1

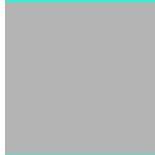


Tritanomaly
4CE9E9

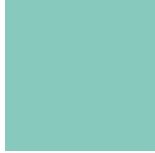
Monochromacy



Original Color
3CEDCD



Achromatopsia
B4B4B4



Achromatomaly
88C9BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CEDCD 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 #3CEDCD looks like.

```
.text, #text, p{  
  color:#3CEDCD  
}
```

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 #3CEDCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CEDCD
}
```

Border

The CSS property to change the border of an element to Hex 3CEDCD 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
#3CEDCD }
```

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

```
.border{ border-color:#3CEDCD }
```

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

Here you see how a box with a 4 pixel #3CEDCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CEDCD; -webkit-box-shadow:4px 4px  
4px 4px #3CEDCD; box-shadow:4px 4px 4px  
4px #3CEDCD }
```

Background

The CSS property to change the background color of an element to Hex 3CEDCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CEDCD }
```

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

```
.background{ background-color:#3CEDCD }
```

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