

# Converting Colors

Hex(34CDBE)

Have a look what the booklet for  
Hex(34CDBE) contains.

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**Color**

**Hex(34CDBE)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 34CDBE                       |
| RGB         | 52, 205, 190                 |
| RGB Percent | 20%, 80%, 75%                |
| CMY         | 0.7961, 0.1961, 0.2549       |
| CMYK        | 0.75, 0.00, 0.07, 0.20       |
| HSL         | 174°, 60%, 50%               |
| HSV         | 174°, 75%, 80%               |
| XYZ         | 32.5418, 48.1104, 56.2863    |
| YIQ         | 157.5430, -86.3730, -37.1010 |

# Conversions

## Conversions Part 2

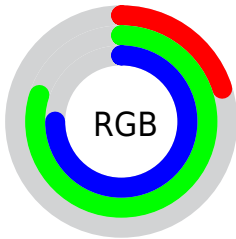
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">52, 132, 205</a>                    |
| Decimal                             | <a href="#">3460542</a>                         |
| CIELab                              | <a href="#">74.89, -42.00, -3.80</a>            |
| CIELCh                              | <a href="#">75, 42.171, 185.168</a>             |
| Yxy                                 | <a href="#">48.1104, 0.2376,<br/>0.3513</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4281650622<br/>(0xFF34CDBE)</a>     |
| YUV                                 | <a href="#">157.5430, 16.0013,<br/>-92.5612</a> |
| Hunter-Lab                          | <a href="#">69.3617, -37.6378,<br/>0.4399</a>   |

# Details

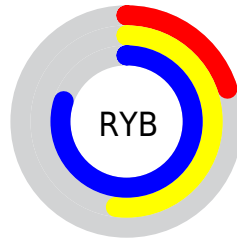
The Hex color **34CDBE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **CD3443**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7AFFF6**, and **009689** is the 20% darker color. If you saturate the color by 10%, you get **1FCDBC**, and if you desaturate by 10%, it is **49CDC0**.

# Distribution



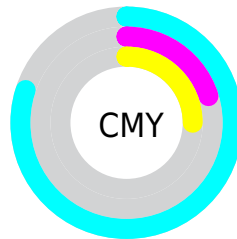
- Red (20%)
- Green (80%)
- Blue (75%)



- Red (20%)
- Yellow (52%)
- Blue (80%)



- Cyan (75%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (80%)
- Magenta (20%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34CDBE 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 34CDBE by changing the saturation by 10% instead.



 34CDBE

 34CDBE

FFFFFF

 00B1A3

 7AFF6

 009689

 9AFF6

 007B6F

 B8FFFF

 006257

 D7FFFF

 004940

 F6FFFF

 00312A

 001A16

 000000

 34CDBE

 34CDBE

1FCDBC

49CDC0

0BCDBA

5DCDC2

00CDB9

72CDC4

86CDC6

9BCDC8

AFCDCA

C3CDCC

D8CDCE

ECCDD0

# Harmonies

## Analogous

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



72CA96



34CDBE



00CBE4

# Triad

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



34CDBE



C5ACF8



ECAB73

# Complementary

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



34CDBE



CD3443

# 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.



FF9F8E



34CDBE



EF9FDA

# Square

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



34CDBE



8ABAFF



FF9AB3



CBB86A

# Rectangle

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



34CDBE



1AC8F7



FF9AB3



F5A67A

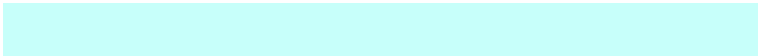


# Sweetspot

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



34CDBE



C7FFFA



43CD34



5E807C



000000



808080



# Same Dimension

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



34CDBE



19FFE8



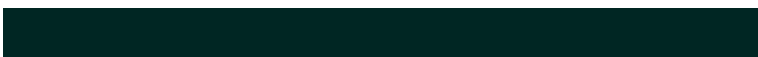
3490CD



5C6665



00A695



002623



# Inverse Universe

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



CD3443



FF1930



CD7134



665C5D



A60010

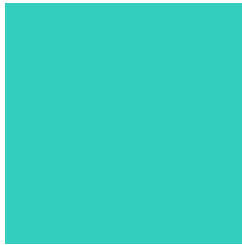


260004



# Previews

## White Background



This preview shows how the Hex color 34CDBE looks on a white background.

## Color Contrast Check

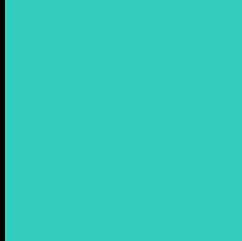
Large Text (above 18pt) WCAG AA × Fail

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 34CDBE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

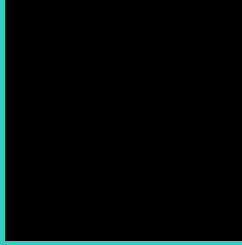
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

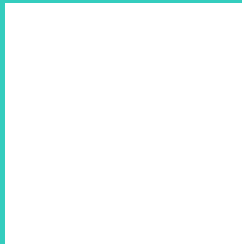
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34CDBE Background



This preview shows how black text looks on a background with the Hex color 34CDBE.



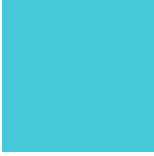
This preview shows how white text looks on a background with the Hex color 34CDBE.

# 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**  
45C9D9

# Trichromacy



**Original Color**  
34CDBE



**Protanomaly**  
8ABEB6



**Deuteranomaly**  
8FBCC2

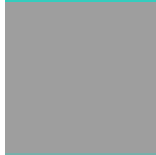


**Tritanomaly**  
3FCACF

# Monochromacy



**Original Color**  
34CDBE



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
77AFAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34CDBE 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 #34CDBE looks like.

```
.text, #text, p{  
  color:#34CDBE  
}
```

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 #34CDBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34CDBE
}
```

## Border

The CSS property to change the border of an element to Hex 34CDBE 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
#34CDBE }
```

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

```
.border{ border-color:#34CDBE }
```

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

Here you see how a box with a 4 pixel #34CDBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34CDBE; -webkit-box-shadow:4px 4px  
4px 4px #34CDBE; box-shadow:4px 4px 4px  
4px #34CDBE }
```

# Background

The CSS property to change the background color of an element to Hex 34CDBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34CDBE }
```

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

```
.background{ background-color:#34CDBE }
```

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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