

# Converting Colors

Hex(35CEBE)

Have a look what the booklet for  
Hex(35CEBE) contains.

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# Color

Hex(35CEBE)

# Conversions

## Conversions Part 1

Format	Color
Hex	35CEBE
RGB	53, 206, 190
RGB Percent	21%, 81%, 75%
CMY	0.7922, 0.1922, 0.2549
CMYK	0.74, 0.00, 0.08, 0.19
HSL	174°, 61%, 51%
HSV	174°, 74%, 81%
XYZ	32.8338, 48.6172, 56.3687
YIQ	158.4290, -86.0520, -37.4120

# Conversions

## Conversions Part 2

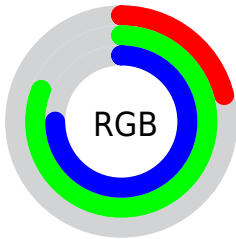
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 134, 206
Decimal	3526334
CIELab	75.21, -42.33, -3.33
CIELCh	75, 42.458, 184.496
Yxy	48.6172, 0.2382, 0.3528
Android (android.graphics.Color)	4281716414 (0xFF35CEBE)
YUV	158.4290, 15.5645, -92.4612
Hunter-Lab	69.7260, -37.9655, 0.8763

# Details

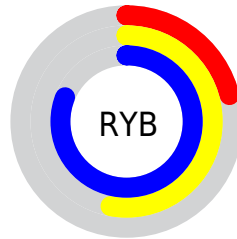
The Hex color **35CEBE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **CE3545**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7BFFF6**, and **009789** is the 20% darker color. If you saturate the color by 10%, you get **20CEBC**, and if you desaturate by 10%, it is **4ACEC0**.

# Distribution



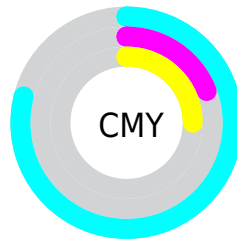
- Red (21%)
- Green (81%)
- Blue (75%)



- Red (21%)
- Yellow (53%)
- Blue (81%)



- Cyan (74%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (79%)
- Magenta (19%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35CEBE 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 35CEBE by changing the saturation by 10% instead.



 35CEBE

 35CEBE

FFFFFF

 00B2A3

 7BFFF6

 009789

 9AFFFF

 007C6F

 B9FFFF

 006357

 D7FFFF

 004A40

 F6FFFF

 00322A

 001B16

 000000

 35CEBE

 35CEBE

■ 20CEBC

■ 4ACEC0

■ 0CCEBA

■ 5ECEC2

■ 00CEB8

■ 73CEC4

■ 87CEC7

■ 9CCEC9

■ B1CECB

■ C5CECD

■ DACECF

■ EECED1

# Harmonies

## Analogous

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



73CB96



35CEBE



00CCE4

# Triad

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



35CEBE



C5ADFA



EEAB73

# Complementary

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



35CEBE



CE3545

# 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.



FF9F8F



35CEBE



EFA0DC

# Square

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



35CEBE



89BBFF



FF9AB5



CDB96A

# Rectangle

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



35CEBE



13C9F8



FF9AB5



F6A77B

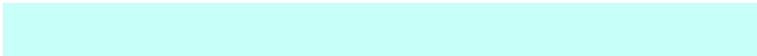


# Sweetspot

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



35CEBE



C7FFF9



47CE35



5E807C



000000



808080



# Same Dimension

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



35CEBE



1CFFE7



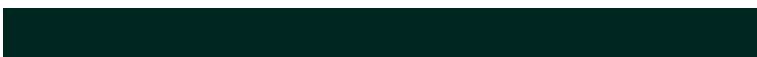
3593CE



5C6665



00A694



002622



# Inverse Universe

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



CE3545



FF1C34



CE7035



665C5D



A60011

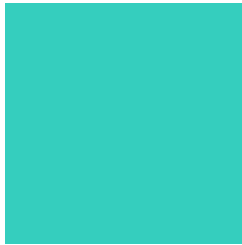


260004



# Previews

## White Background



This preview shows how the Hex color 35CEBE looks on a white background.

## Color Contrast Check

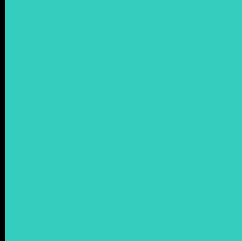
Large Text (above 18pt) WCAG AA × Fail

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 35CEBE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

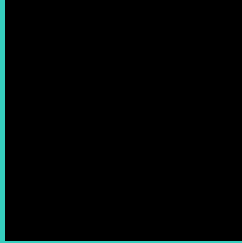
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

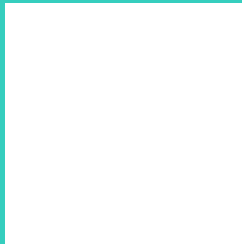
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35CEBE Background



This preview shows how black text looks on a background with the Hex color 35CEBE.



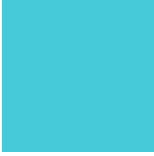
This preview shows how white text looks on a background with the Hex color 35CEBE.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35CEBE 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 #35CEBE looks like.

```
.text, #text, p{  
    color:#35CEBE  
}
```

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 #35CEBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35CEBE
}
```

## Border

The CSS property to change the border of an element to Hex 35CEBE 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
#35CEBE }
```

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

```
.border{ border-color:#35CEBE }
```

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

Here you see how a box with a 4 pixel #35CEBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35CEBE; -webkit-box-shadow:4px 4px  
4px 4px #35CEBE; box-shadow:4px 4px 4px  
4px #35CEBE }
```

# Background

The CSS property to change the background color of an element to Hex 35CEBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35CEBE }
```

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

```
.background{ background-color:#35CEBE }
```

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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