

# Converting Colors

Hex(35C8B7)

Have a look what the booklet for  
Hex(35C8B7) contains.

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**Color**

**Hex(35C8B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35C8B7
RGB	53, 200, 183
RGB Percent	21%, 78%, 72%
CMY	0.7922, 0.2157, 0.2824
CMYK	0.73, 0.00, 0.08, 0.22
HSL	173°, 58%, 50%
HSV	173°, 74%, 78%
XYZ	30.6697, 45.4843, 51.9626
YIQ	154.1090, -82.1550, -36.4510

# Conversions

## Conversions Part 2

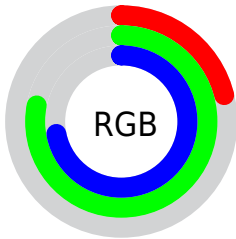
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	53, 131, 200
Decimal	3524791
CIE Lab	73.21, -41.58, -2.48
CIE LCh	73, 41.651, 183.418
Yxy	45.4843, 0.2394, 0.3550
Android (android.graphics.Color)	4281714871 (0xFF35C8B7)
YUV	154.1090, 14.2433, -88.6726
Hunter-Lab	67.4421, -36.8496, 1.5278

# Details

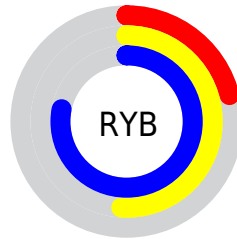
The Hex color **35C8B7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C83546**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7AFFEF**, and **009182** is the 20% darker color. If you saturate the color by 10%, you get **21C8B5**, and if you desaturate by 10%, it is **49C8B9**.

# Distribution



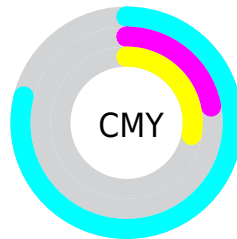
- Red (21%)
- Green (78%)
- Blue (72%)



- Red (21%)
- Yellow (51%)
- Blue (78%)



- Cyan (73%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (79%)
- Magenta (22%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35C8B7 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 35C8B7 by changing the saturation by 10% instead.



 35C8B7

 35C8B7

FFFFFF

 00AC9C

 7AFFEF

 009182

 98FFFF

 007769

 B7FFFF

 005D51

 D5FFFF

 00453A

 F4FFFF

 002E25

 001410

 000000

 35C8B7

 35C8B7

■ 21C8B5

■ 49C8B9

■ 0DC8B2

■ 5DC8BC

■ 00C8B1

■ 71C8BE

■ 85C8C0

■ 99C8C3

■ ADC8C5

■ C1C8C7

■ D5C8CA

■ E9C8CC

# Harmonies

## Analogous

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



71C590



35C8B7



00C7DD

# Triad

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



35C8B7



BEA8F4



E8A670

# Complementary

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



35C8B7



C83546

# 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.



FB9A8C



35C8B7



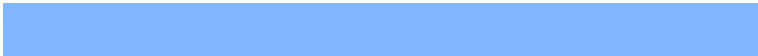
E79BD7

# Square

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



35C8B7



82B6FF



FC96B1



C8B366

# Rectangle

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



35C8B7



07C3F0



FC96B1



F0A178

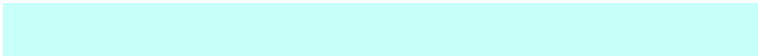


# Sweetspot

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



35C8B7



C7FFF9



46C835



5E807C



000000



808080



# Same Dimension

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



35C8B7



1FFFE5



3590C8



5A6362



00A390



002420



# Inverse Universe

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



C83546



FF1F39



C86D35



635A5B



A30013

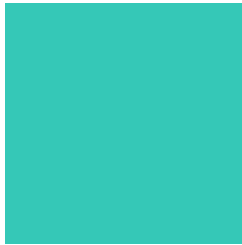


240004



# Previews

## White Background



This preview shows how the Hex color 35C8B7 looks on a white background.

## Color Contrast Check

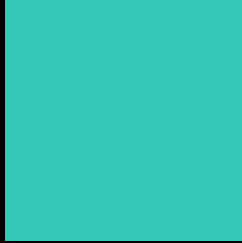
Large Text (above 18pt) WCAG AA × Fail

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 35C8B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

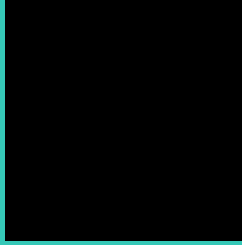
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

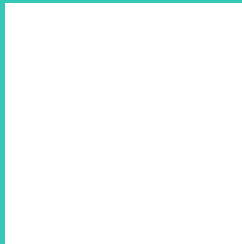
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35C8B7 Background



This preview shows how black text looks on a background with the Hex color 35C8B7.

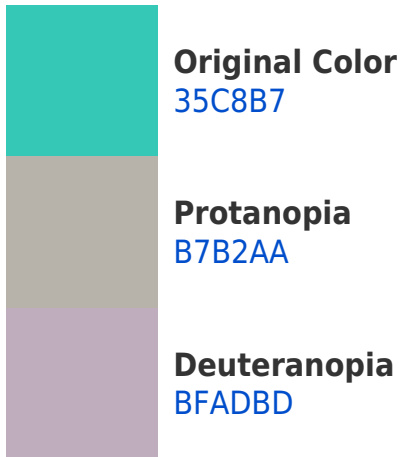


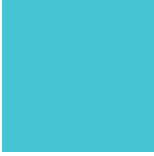
This preview shows how white text looks on a background with the Hex color 35C8B7.

# 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**  
46C4D4

# Trichromacy



**Original Color**  
35C8B7



**Protanomaly**  
88BAAF

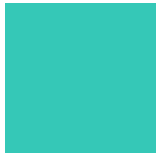


**Deuteranomaly**  
8DB7BB

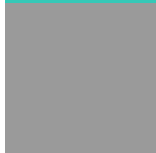


**Tritanomaly**  
40C5C9

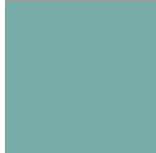
# Monochromacy



**Original Color**  
35C8B7



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
75ABA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35C8B7 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 #35C8B7 looks like.

```
.text, #text, p{  
    color:#35C8B7  
}
```

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 #35C8B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35C8B7
}
```

## Border

The CSS property to change the border of an element to Hex 35C8B7 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
#35C8B7 }
```

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

```
.border{ border-color:#35C8B7 }
```

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

Here you see how a box with a 4 pixel #35C8B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35C8B7; -webkit-box-shadow:4px 4px  
4px 4px #35C8B7; box-shadow:4px 4px 4px  
4px #35C8B7 }
```

# Background

The CSS property to change the background color of an element to Hex 35C8B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35C8B7 }
```

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

```
.background{ background-color:#35C8B7 }
```

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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