

# Converting Colors

Hex(35D0C1)

Have a look what the booklet for  
Hex(35D0C1) contains.

<b>Hex(35D0C1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(35D0C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35D0C1
RGB	53, 208, 193
RGB Percent	21%, 82%, 76%
CMY	0.7922, 0.1843, 0.2431
CMYK	0.75, 0.00, 0.07, 0.18
HSL	174°, 62%, 51%
HSV	174°, 75%, 82%
XYZ	33.6497, 49.7189, 58.2753
YIQ	159.9450, -87.5650, -37.5250

# Conversions

## Conversions Part 2

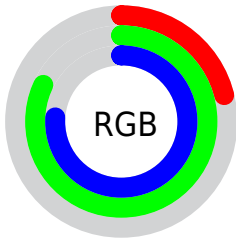
Format	Color
R <sub>Y</sub> B	53, 134, 208
Decimal	3526849
CIE Lab	75.90, -42.39, -3.94
CIE LCh	76, 42.575, 185.310
Yxy	49.7189, 0.2376, 0.3510
Android (android.graphics.Color)	4281716929 (0xFF35D0C1)
YUV	159.9450, 16.2961, -93.7908
Hunter-Lab	70.5116, -38.2112, 0.3571

# Details

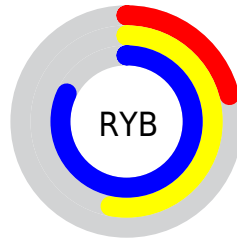
The Hex color **35D0C1** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **D03544**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7CFFF9**, and **00998C** is the 20% darker color. If you saturate the color by 10%, you get **20D0BF**, and if you desaturate by 10%, it is **4AD0C3**.

# Distribution



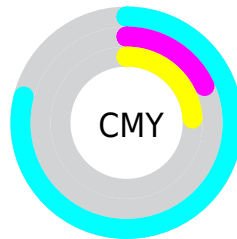
- Red (21%)
- Green (82%)
- Blue (76%)



- Red (21%)
- Yellow (53%)
- Blue (82%)



- Cyan (75%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (79%)
- Magenta (18%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35D0C1 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 35D0C1 by changing the saturation by 10% instead.



 35D0C1

 35D0C1

FFFFFF

 00B4A6

 7CFFF9

 00998C

 9BFFFF

 007E72

 BAFFFF

 00645A

 D8FFFF

 004C42

 F7FFFF

 00342C

 001E18

 000000

 35D0C1

 35D0C1

 20D0BF

 4AD0C3

 0BD0BD

 5FD0C5

 00D0BC

 73D0C7

 88D0C9

 9DD0CB

 B2D0CD

 C7D0CF

 DBD0D1

 F0D0D3

# Harmonies

## Analogous

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



73CD99



35D0C1



00CEE7

# Triad

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



35D0C1



C9AEFB



EFAD74

# Complementary

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



35D0C1



D03544

# 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.



FFA190



35D0C1



F2A1DD

# Square

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



35D0C1



8CBDFE



FF9CB5



CEBB6C

# Rectangle

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



35D0C1



1CCBFB



FF9CB5



F8A97C

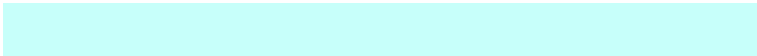


# Sweetspot

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



35D0C1



C7FFFA



45D035



5E807C



000000



808080



# Same Dimension

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



35D0C1



1CFFE9



3592D0



5E6968



00A898



002925



# Inverse Universe

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



D03544



FF1C32



D07335



695E5F



A80010

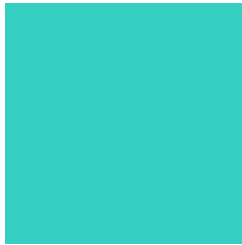


290004



# Previews

## White Background



This preview shows how the Hex color 35D0C1 looks on a white background.

## Color Contrast Check

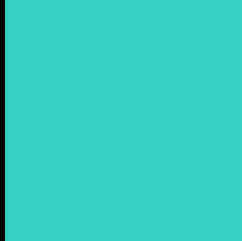
Large Text (above 18pt) WCAG AA × Fail

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 35D0C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

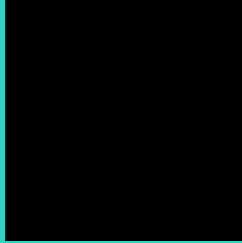
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

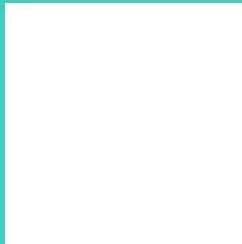
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35D0C1 Background



This preview shows how black text looks on a background with the Hex color 35D0C1.



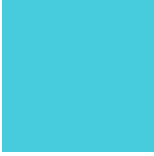
This preview shows how white text looks on a background with the Hex color 35D0C1.

# 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



**Original Color**  
35D0C1



**Protanomaly**  
8CC1B9



**Deuteranomaly**  
91BEC5



**Tritanomaly**  
40CDD2

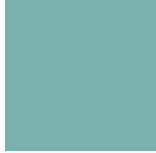
# Monochromacy



**Original Color**  
35D0C1



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
79B1AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35D0C1 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 #35D0C1 looks like.

```
.text, #text, p{  
    color:#35D0C1  
}
```

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 #35D0C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35D0C1
}
```

## Border

The CSS property to change the border of an element to Hex 35D0C1 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
#35D0C1 }
```

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

```
.border{ border-color:#35D0C1 }
```

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

Here you see how a box with a 4 pixel #35D0C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35D0C1; -webkit-box-shadow:4px 4px  
4px 4px #35D0C1; box-shadow:4px 4px 4px  
4px #35D0C1 }
```

# Background

The CSS property to change the background color of an element to Hex 35D0C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35D0C1 }
```

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

```
.background{ background-color:#35D0C1 }
```

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