

# Converting Colors

Hex(35C1A6)

Have a look what the booklet for  
Hex(35C1A6) contains.

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**Color**

**Hex(35C1A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35C1A6
RGB	53, 193, 166
RGB Percent	21%, 76%, 65%
CMY	0.7922, 0.2431, 0.3490
CMYK	0.73, 0.00, 0.14, 0.24
HSL	168°, 57%, 48%
HSV	168°, 73%, 76%
XYZ	27.4211, 41.6500, 42.6704
YIQ	148.0620, -74.7730, -38.0770

# Conversions

## Conversions Part 2

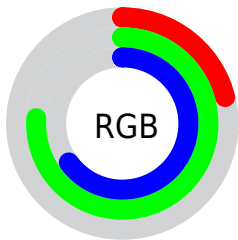
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 130, 193
Decimal	3522982
CIELab	70.63, -43.02, 3.00
CIElCh	71, 43.121, 176.009
Yxy	41.6500, 0.2454, 0.3727
Android (android.graphics.Color)	4281713062 (0xFF35C1A6)
YUV	148.0620, 8.8434, -83.3694
Hunter-Lab	64.5368, -37.0964, 5.9744

# Details

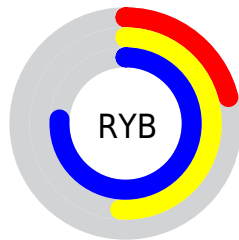
The Hex color **35C1A6** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C13550**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **78FADD**, and **008A72** is the 20% darker color. If you saturate the color by 10%, you get **22C1A2**, and if you desaturate by 10%, it is **48C1AA**.

# Distribution



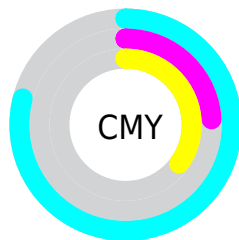
- Red (21%)
- Green (76%)
- Blue (65%)



- Red (21%)
- Yellow (51%)
- Blue (76%)



- Cyan (73%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (79%)
- Magenta (24%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35C1A6 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 35C1A6 by changing the saturation by 10% instead.



 35C1A6

 35C1A6

FFFFFF

 00A58C

 78FADD

 008A72

 96FFFA

 00705A

 B4FFFF

 005742

 D2FFFF

 003F2C

 F0FFFF

 002918

 000400

 000000

 35C1A6

 35C1A6

■ 22C1A2

■ 48C1AA

■ 0EC19F

■ 5CC1AD

■ 00C19C

■ 6FC1B1

■ 82C1B5

■ 96C1B9

■ A9C1BC

■ BCC1C0

■ CFC1C4

■ E3C1C7

# Harmonies

## Analogous

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



74BD7F



35C1A6



00C1CE

# Triad

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



35C1A6



A9A5F3



E89B6D

# Complementary

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



35C1A6



C13550

# 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.



F7908C



35C1A6



D996D9

# Square

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



35C1A6



64B2FB



F38EB4



CAA95D

# Rectangle

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



35C1A6



00BEE4



F38EB4



EF9676



# Sweetspot

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



35C1A6



C3FAEF



51C135



5C7D77



FCFCFC



7D7D7D



# Same Dimension

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



35C1A6



20FAD0



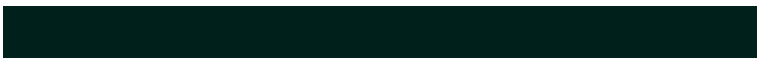
3597C1



57615F



00A182



00211B



# Inverse Universe

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



C13550



FA204A



C15F35



615759



A1001F

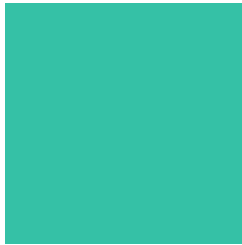


210006



# Previews

## White Background



This preview shows how the Hex color 35C1A6 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 35C1A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

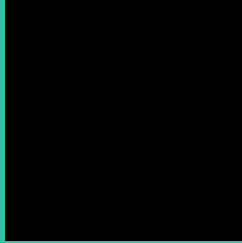
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

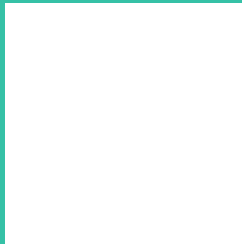
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35C1A6 Background



This preview shows how black text looks on a background with the Hex color 35C1A6.



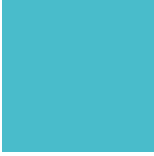
This preview shows how white text looks on a background with the Hex color 35C1A6.

# 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



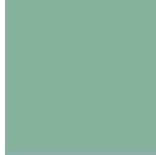


**Tritanopia**  
49BCCB

# Trichromacy



**Original Color**  
35C1A6



**Protanomaly**  
85B39E



**Deuteranomaly**  
8BB0AA



**Tritanomaly**  
42BEBE

# Monochromacy



**Original Color**  
35C1A6



**Achromatopsia**  
949494



**Achromatomaly**  
71A49B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35C1A6 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 #35C1A6 looks like.

```
.text, #text, p{  
    color:#35C1A6  
}
```

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 #35C1A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35C1A6
}
```

## Border

The CSS property to change the border of an element to Hex 35C1A6 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
#35C1A6 }
```

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

```
.border{ border-color:#35C1A6 }
```

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

Here you see how a box with a 4 pixel #35C1A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35C1A6; -webkit-box-shadow:4px 4px  
4px 4px #35C1A6; box-shadow:4px 4px 4px  
4px #35C1A6 }
```

# Background

The CSS property to change the background color of an element to Hex 35C1A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35C1A6 }
```

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

```
.background{ background-color:#35C1A6 }
```

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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