

# Converting Colors

Hex(35ACA1)

Have a look what the booklet for  
Hex(35ACA1) contains.

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# Color

Hex(35ACA1)

# Conversions

## Conversions Part 1

Format	Color
Hex	35ACA1
RGB	53, 172, 161
RGB Percent	21%, 67%, 63%
CMY	0.7922, 0.3255, 0.3686
CMYK	0.69, 0.00, 0.06, 0.33
HSL	174°, 53%, 44%
HSV	174°, 69%, 67%
XYZ	22.6537, 32.8351, 38.8621
YIQ	135.1650, -67.3930, -28.6490

# Conversions

## Conversions Part 2

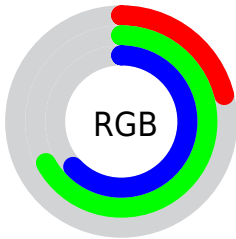
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 115, 172
Decimal	3517601
CIELab	64.03, -34.94, -3.89
CIELCh	64, 35.154, 186.354
Yxy	32.8351, 0.2401, 0.3480
Android (android.graphics.Color)	4281707681 (0xFF35ACA1)
YUV	135.1650, 12.7367, -72.0587
Hunter-Lab	57.3020, -29.7103, -0.0990

# Details

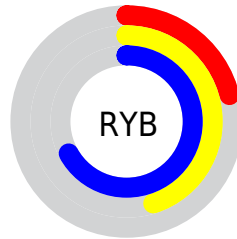
The Hex color **35ACA1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC3540**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **74E4D8**, and **00776E** is the 20% darker color. If you saturate the color by 10%, you get **24AC9F**, and if you desaturate by 10%, it is **46ACA3**.

# Distribution



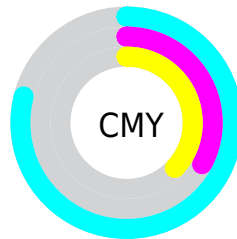
- Red (21%)
- Green (67%)
- Blue (63%)



- Red (21%)
- Yellow (45%)
- Blue (67%)



- Cyan (69%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)



- Cyan (79%)
- Magenta (33%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35ACA1 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 35ACA1 by changing the saturation by 10% instead.



 35ACA1

 35ACA1

FFFFFF

 009187

 74E4D8

 00776E

 91FFF4

 005E55

 AFFFFFF

 00453E

 CCFFFF

 002E28

 EAFFFF

 001714

 000000

 35ACA1

 35ACA1

 24AC9F

 46ACA3

■ 13AC9E

■ 57ACA4

■ 01AC9C

■ 69ACA6

■ 00AC9C

■ 7AACA7

■ 8BACA9

■ 9CACAB

■ ADACAC

■ BFACAE

■ D0ACAF

# Harmonies

## Analogous

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



61AA81



35ACA1



11ABBF

# Triad

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



35ACA1



A891CE



C59162

# Complementary

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



35ACA1



AC3540

# 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.



D58778



35ACA1



C887B5

# Square

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



35ACA1



799CD9



D78396



A99B5C

# Rectangle

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



35ACA1



2EA7CE



D78396



CC8D68



# Sweetspot

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



35ACA1



B1E0DC



41AC35



54706E



F0F0F0



707070

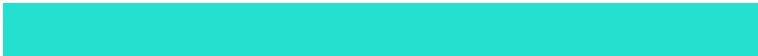


# Same Dimension

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



35ACA1



26E0CF



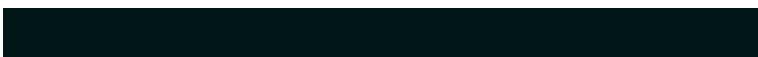
357CAC



4E5756



009689



001715



# Inverse Universe

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



AC3540



E02637



AC6535



574E4F



96000E

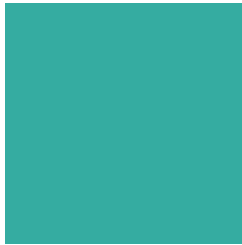


170002



# Previews

## White Background



This preview shows how the Hex color 35ACA1 looks on a white background.

## Color Contrast Check

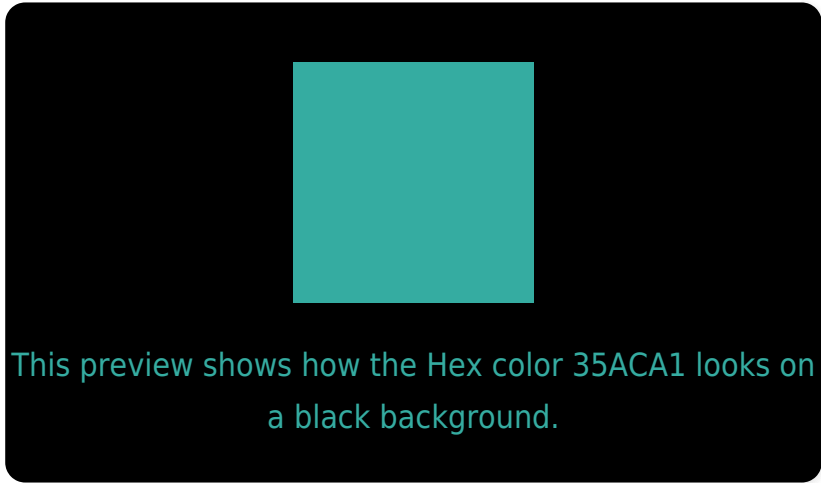
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

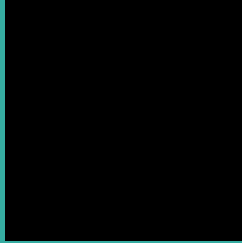
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 35ACA1 Background



This preview shows how black text looks on a background with the Hex color 35ACA1.

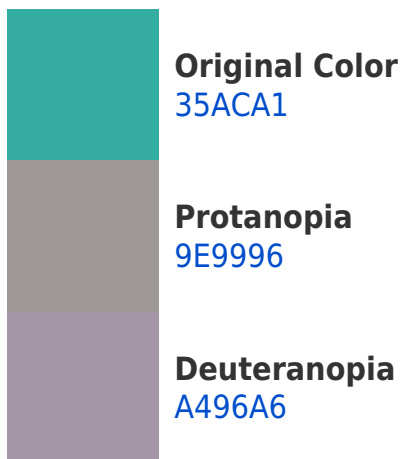


This preview shows how white text looks on a background with the Hex color 35ACA1.

# 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](#).

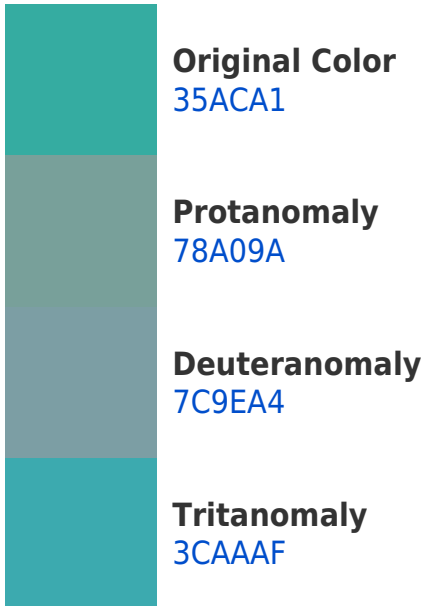
## Dichromacy



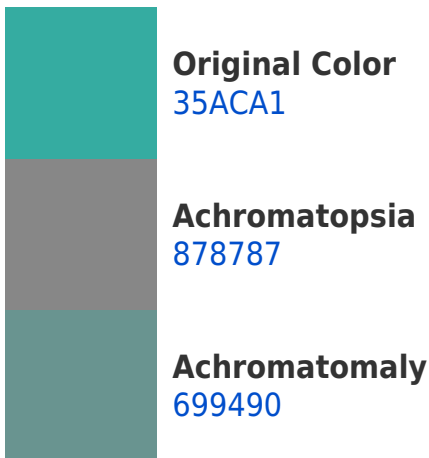


**Tritanopia**  
40A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35ACA1 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 #35ACA1 looks like.

```
.text, #text, p{  
    color:#35ACA1  
}
```

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 #35ACA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35ACA1
}
```

## Border

The CSS property to change the border of an element to Hex 35ACA1 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
#35ACA1 }
```

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

```
.border{ border-color:#35ACA1 }
```

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

Here you see how a box with a 4 pixel #35ACA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35ACA1; -webkit-box-shadow:4px 4px  
4px 4px #35ACA1; box-shadow:4px 4px 4px  
4px #35ACA1 }
```

# Background

The CSS property to change the background color of an element to Hex 35ACA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35ACA1 }
```

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

```
.background{ background-color:#35ACA1 }
```

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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