

Converting Colors

Hex(35CA79)

Have a look what the booklet for
Hex(35CA79) contains.

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Color

Hex(35CA79)

Conversions

Conversions Part 1

Format	Color
Hex	35CA79
RGB	53, 202, 121
RGB Percent	21%, 79%, 47%
CMY	0.7922, 0.2078, 0.5255
CMYK	0.74, 0.00, 0.40, 0.21
HSL	147°, 58%, 50%
HSV	147°, 74%, 79%
XYZ	26.0399, 44.3784, 25.2826
YIQ	148.2150, -62.8030, -56.7790

Conversions

Conversions Part 2

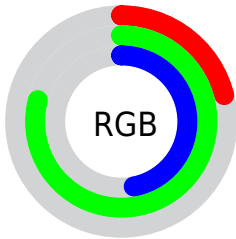
Format	Color
RYB	53, 155, 202
Decimal	3525241
CIELab	72.48, -56.64, 29.63
CIELCh	72, 63.921, 152.389
Yxy	44.3784, 0.2721, 0.4637
Android (android.graphics.Color)	4281715321 (0xFF35CA79)
YUV	148.2150, -13.4170, -83.5036
Hunter-Lab	66.6171, -46.8062, 24.1302

Details

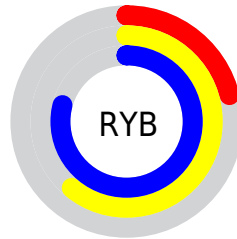
The Hex color **35CA79** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CA3586**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **78FFAE**, and **009347** is the 20% darker color. If you saturate the color by 10%, you get **21CA6E**, and if you desaturate by 10%, it is **49CA84**.

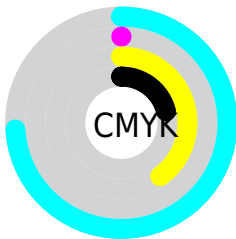
Distribution



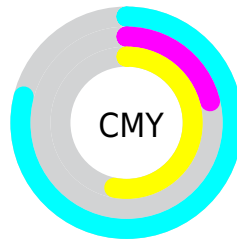
- Red (21%)
- Green (79%)
- Blue (47%)



- Red (21%)
- Yellow (61%)
- Blue (79%)



- Cyan (74%)
- Magenta (0%)
- Yellow (40%)
- Black (21%)



- Cyan (79%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35CA79 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 35CA79 by changing the saturation by 10% instead.



35CA79



35CA79

FFFFFF



00AE60



78FFAE



009347



96FFCA



00782F



B5FFE6



005E18



D3FFFF



004500



F1FFFF



002E00



001000



000000



35CA79



35CA79

■ 21CA6E

■ 49CA84

■ 0DCA63

■ 5DCA8F

■ 00CA5C

■ 72CA9A

■ 86CAA5

■ 9ACAB0

■ AECABB

■ C2CAC6

■ D7CAD1

■ EBCADC

Harmonies

Analogous

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



91C048



35CA79



00CEB5

Triad

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



35CA79



2CB7FF



FF8576

Complementary

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



35CA79



CA3586

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.



FF7CAF



35CA79



BAA0FF

Square

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



35CA79



00C6FF



FD88E9



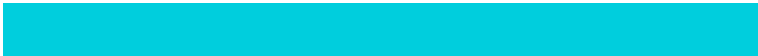
FB9B49

Rectangle

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



35CA79



00CEDD



FD88E9



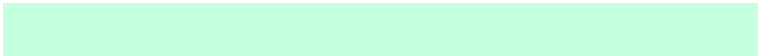
FF8089

Sweetspot

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



35CA79



C7FFE1



87CA35



5E806D



000000



808080

Same Dimension

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



35CA79



1CFF84



35CAC3



5C6660



00A64C



002611

Inverse Universe

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



CA3586



FF1C97



CA353C



665C61



A6005A



260015

Previews

White Background



This preview shows how the Hex color 35CA79 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 35CA79 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

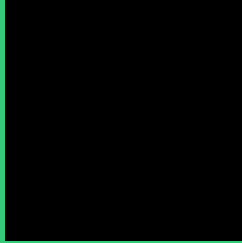
Any Text WCAG AA ✓ Pass

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 35CA79 Background



This preview shows how black text looks on a background with the Hex color 35CA79.

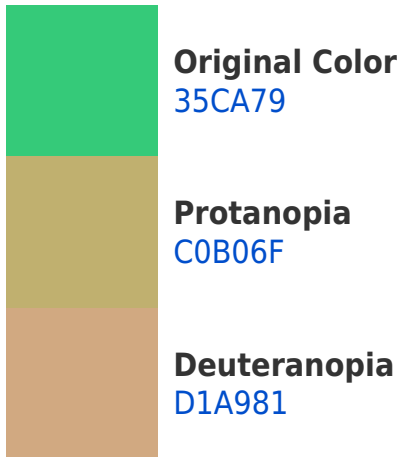


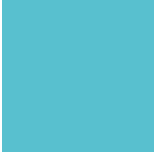
This preview shows how white text looks on a background with the Hex color 35CA79.

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
58C0CF

Trichromacy



Original Color
35CA79



Protanomaly
8DB973



Deuteranomaly
98B57E



Tritanomaly
4BC4B0

Monochromacy



Original Color
35CA79



Achromatopsia
949494



Achromatomaly
71A88A

CSS Examples

Text

The CSS property to change the color of the text to Hex 35CA79 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 #35CA79 looks like.

```
.text, #text, p{  
    color:#35CA79  
}
```

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 #35CA79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35CA79
}
```

Border

The CSS property to change the border of an element to Hex 35CA79 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
#35CA79 }
```

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

```
.border{ border-color:#35CA79 }
```

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

Here you see how a box with a 4 pixel #35CA79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35CA79; -webkit-box-shadow:4px 4px  
4px 4px #35CA79; box-shadow:4px 4px 4px  
4px #35CA79 }
```

Background

The CSS property to change the background color of an element to Hex 35CA79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35CA79 }
```

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

```
.background{ background-color:#35CA79 }
```

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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