

Converting Colors

Hex(35CA67)

Have a look what the booklet for
Hex(35CA67) contains.

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Color

Hex(35CA67)

Conversions

Conversions Part 1

Format	Color
Hex	35CA67
RGB	53, 202, 103
RGB Percent	21%, 79%, 40%
CMY	0.7922, 0.2078, 0.5961
CMYK	0.74, 0.00, 0.49, 0.21
HSL	140°, 58%, 50%
HSV	140°, 74%, 79%
XYZ	25.0369, 43.9772, 20.0008
YIQ	146.1630, -57.0250, -62.3770

Conversions

Conversions Part 2

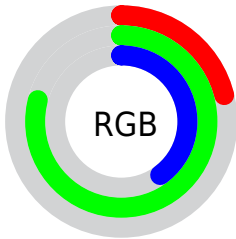
Format	Color
RYB	53, 165, 202
Decimal	3525223
CIELab	72.21, -59.71, 38.40
CIELCh	72, 70.995, 147.255
Yxy	43.9772, 0.2813, 0.4940
Android (android.graphics.Color)	4281715303 (0xFF35CA67)
YUV	146.1630, -21.2794, -81.7040
Hunter-Lab	66.3153, -48.6603, 28.5387

Details

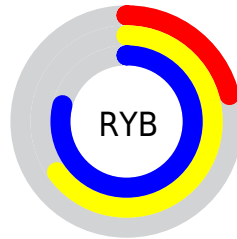
The Hex color **35CA67** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CA3598**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **78FF9C**, and **009235** is the 20% darker color. If you saturate the color by 10%, you get **21CA5A**, and if you desaturate by 10%, it is **49CA74**.

Distribution



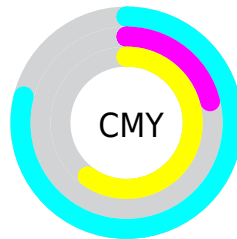
- Red (21%)
- Green (79%)
- Blue (40%)



- Red (21%)
- Yellow (65%)
- Blue (79%)



- Cyan (74%)
- Magenta (0%)
- Yellow (49%)
- Black (21%)



- Cyan (79%)
- Magenta (21%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35CA67 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 35CA67 by changing the saturation by 10% instead.

 35CA67

 35CA67

FFFFFF

 00AE4E

 78FF9C

 009235

 97FFB7

 00781C

 B5FFD3

 005E00

 D3FFF0

 004400

 F2FFFF

 002E00

 000F00

 000000

 35CA67

 35CA67

■ 21CA5A

■ 49CA74

■ 0DCA4C

■ 5DCA82

■ 00CA44

■ 72CA8F

■ 86CA9D

■ 9ACAAA

■ AECAB8

■ C2CAC5

■ D7CAD2

■ EBCAE0

Harmonies

Analogous

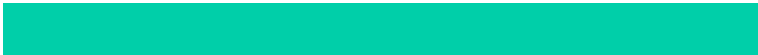
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98BF30



35CA67



00CFA9

Triad

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



35CA67



00BAFF



FF797A

Complementary

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



35CA67



CA3598

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.



FF72BA



35CA67



A6A2FF

Square

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



35CA67



00C9FF



FA86F8



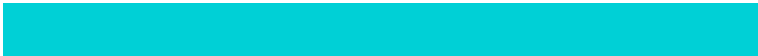
FF9242

Rectangle

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



35CA67



00D0D6



FA86F8



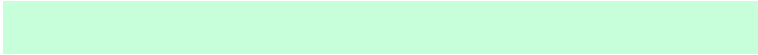
FF748E

Sweetspot

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



35CA67



C7FFDA



98CA35



5E8069



000000



808080

Same Dimension

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



35CA67



1CFF68



35CAB1



5C665F



00A638



00260D

Inverse Universe

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



CA3598



FF1CB3



CA354E



665C63



A6006E



260019

Previews

White Background



This preview shows how the Hex color 35CA67 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 35CA67 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 35CA67 Background



This preview shows how black text looks on a background with the Hex color 35CA67.

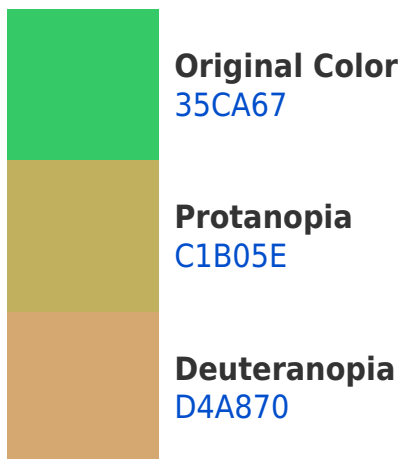


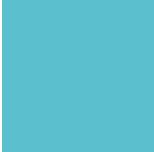
This preview shows how white text looks on a background with the Hex color 35CA67.

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](#).

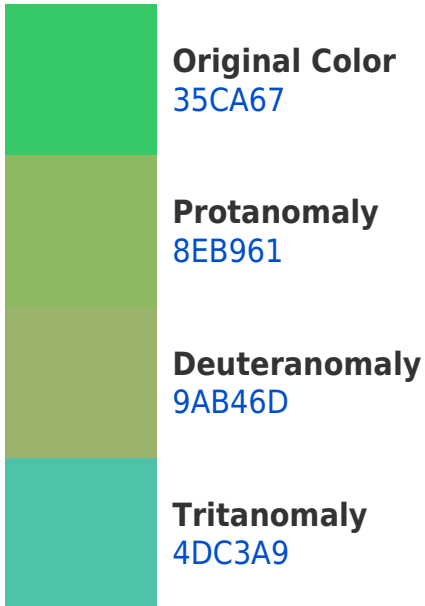
Dichromacy



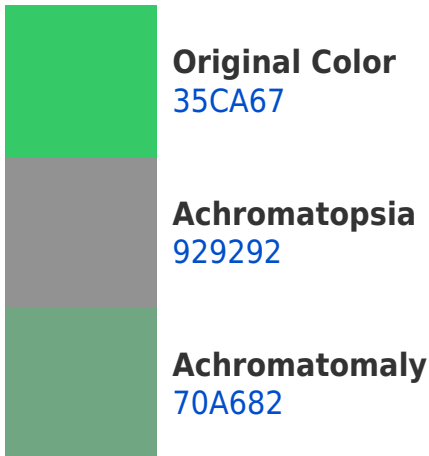


Tritanopia
5BBFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35CA67 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 #35CA67 looks like.

```
.text, #text, p{  
    color:#35CA67  
}
```

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 #35CA67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35CA67
}
```

Border

The CSS property to change the border of an element to Hex 35CA67 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
#35CA67 }
```

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

```
.border{ border-color:#35CA67 }
```

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

Here you see how a box with a 4 pixel #35CA67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35CA67; -webkit-box-shadow:4px 4px  
4px 4px #35CA67; box-shadow:4px 4px 4px  
4px #35CA67 }
```

Background

The CSS property to change the background color of an element to Hex 35CA67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35CA67 }
```

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

```
.background{ background-color:#35CA67 }
```

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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