

Converting Colors

Hex(35C676)

Have a look what the booklet for
Hex(35C676) contains.

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Color

Hex(35C676)

Conversions

Conversions Part 1

Format	Color
Hex	35C676
RGB	53, 198, 118
RGB Percent	21%, 78%, 46%
CMY	0.7922, 0.2235, 0.5373
CMYK	0.73, 0.00, 0.40, 0.22
HSL	147°, 58%, 49%
HSV	147°, 73%, 78%
XYZ	24.9323, 42.4531, 24.0197
YIQ	145.5250, -60.7400, -55.6200

Conversions

Conversions Part 2

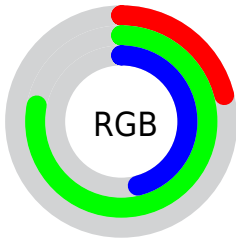
Format	Color
RYB	53, 153, 198
Decimal	3524214
CIELab	71.18, -55.72, 29.47
CIELCh	71, 63.028, 152.126
Yxy	42.4531, 0.2728, 0.4644
Android (android.graphics.Color)	4281714294 (0xFF35C676)
YUV	145.5250, -13.5698, -81.1444
Hunter-Lab	65.1560, -45.7190, 23.7520

Details

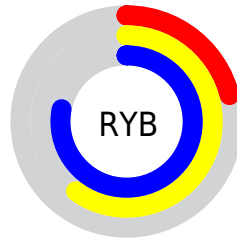
The Hex color **35C676** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C63585**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **77FFAB**, and **008F44** is the 20% darker color. If you saturate the color by 10%, you get **21C66B**, and if you desaturate by 10%, it is **49C681**.

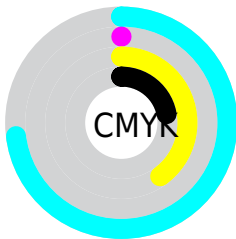
Distribution



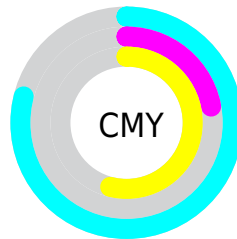
- Red (21%)
- Green (78%)
- Blue (46%)



- Red (21%)
- Yellow (60%)
- Blue (78%)



- Cyan (73%)
- Magenta (0%)
- Yellow (40%)
- Black (22%)



- Cyan (79%)
- Magenta (22%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35C676 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 35C676 by changing the saturation by 10% instead.

 35C676

 35C676

FFFFFF

 00AA5D

 77FFAB

 008F44

 95FFC6

 00742D

 B3FFE3

 005A15

 D1FFFF

 004100

 F0FFFF

 002B00

 000800

 000000

 35C676

 35C676

 21C66B

 49C681

 0DC660

 5DC68C

 00C659

 70C697

 84C6A2

 98C6AD

 ACC6B8

 C0C6C2

 D3C6CD

 E7C6D8

Harmonies

Analogous

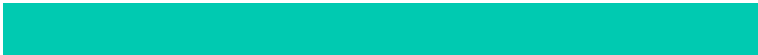
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FBD46



35C676



00CAB1

Triad

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



35C676



28B3FF



FF8274

Complementary

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



35C676



C63585

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.



FF79AD



35C676



B59DFF

Square

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



35C676



00C2FF



F786E5



F79747

Rectangle

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



35C676



00CAD8



F786E5



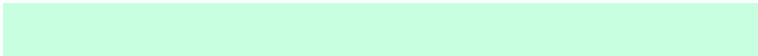
FF7D86

Sweetspot

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



35C676



C7FFE0



87C635



5E806D



000000



808080

Same Dimension

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



35C676



1FFF83



35C6BC



5A635E



00A349



002410

Inverse Universe

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



C63585



FF1F9A



C6353F



635A5F



A3005A



240014

Previews

White Background



This preview shows how the Hex color 35C676 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 35C676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

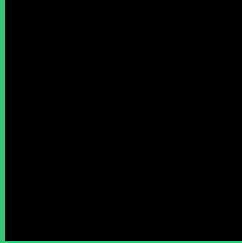
Any Text WCAG AA ✓ Pass

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 35C676 Background



This preview shows how black text looks on a background with the Hex color 35C676.

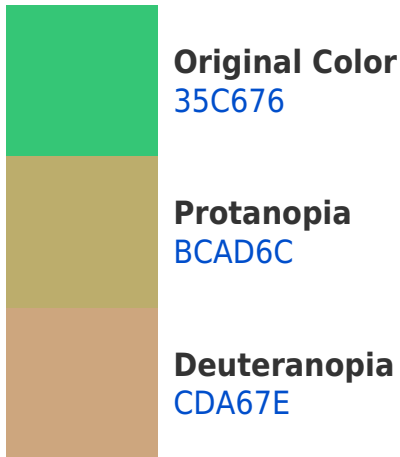


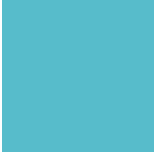
This preview shows how white text looks on a background with the Hex color 35C676.

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
57BCCB

Trichromacy



Original Color
35C676



Protanomaly
8BB670



Deuteranomaly
96B27B



Tritanomaly
4BC0AC

Monochromacy



Original Color
35C676



Achromatopsia
929292



Achromatomaly
70A588

CSS Examples

Text

The CSS property to change the color of the text to Hex 35C676 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 #35C676 looks like.

```
.text, #text, p{  
    color:#35C676  
}
```

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 #35C676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35C676
}
```

Border

The CSS property to change the border of an element to Hex 35C676 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
#35C676 }
```

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

```
.border{ border-color:#35C676 }
```

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

Here you see how a box with a 4 pixel #35C676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35C676; -webkit-box-shadow:4px 4px  
4px 4px #35C676; box-shadow:4px 4px 4px  
4px #35C676 }
```

Background

The CSS property to change the background color of an element to Hex 35C676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35C676 }
```

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

```
.background{ background-color:#35C676 }
```

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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