

Converting Colors

Hex(35B46B)

Have a look what the booklet for
Hex(35B46B) contains.

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Color

Hex(35B46B)

Conversions

Conversions Part 1

Format	Color
Hex	35B46B
RGB	53, 180, 107
RGB Percent	21%, 71%, 42%
CMY	0.7922, 0.2941, 0.5804
CMYK	0.71, 0.00, 0.41, 0.29
HSL	146°, 55%, 46%
HSV	146°, 71%, 71%
XYZ	20.4433, 34.4609, 19.4841
YIQ	133.7050, -52.2590, -49.6270

Conversions

Conversions Part 2

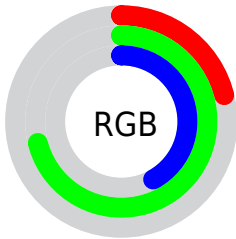
Format	Color
RYB	53, 142, 180
Decimal	3519595
CIELab	65.33, -50.97, 27.52
CIELCh	65, 57.923, 151.638
Yxy	34.4609, 0.2748, 0.4633
Android (android.graphics.Color)	4281709675 (0xFF35B46B)
YUV	133.7050, -13.1656, -70.7783
Hunter-Lab	58.7034, -40.5689, 21.4137

Details

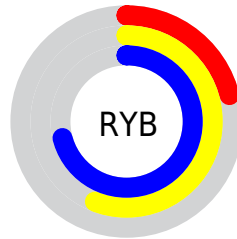
The Hex color **35B46B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B4357E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **74ED9F**, and **007E3A** is the 20% darker color. If you saturate the color by 10%, you get **23B461**, and if you desaturate by 10%, it is **47B475**.

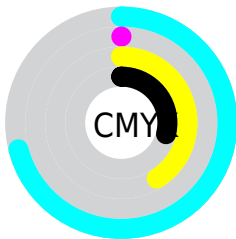
Distribution



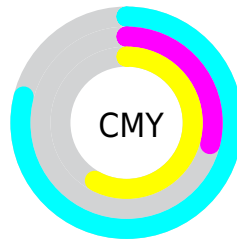
- Red (21%)
- Green (71%)
- Blue (42%)



- Red (21%)
- Yellow (56%)
- Blue (71%)



- Cyan (71%)
- Magenta (0%)
- Yellow (41%)
- Black (29%)



- Cyan (79%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35B46B 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 35B46B by changing the saturation by 10% instead.

 35B46B

 35B46B

FFFFFF

 009952

 74ED9F

 007E3A

 91FFBA

 006423

 AEFFD6

 004B0C

 CCFFF3

 003300

 EAFFFF

 001B00

 000000

 35B46B

 35B46B

 23B461

 47B475

 11B456

 59B480

 00B44D

 6BB48A

 7DB494

 8FB49F

 A1B4A9

 B3B4B3

 C5B4BE

 D7B4C8

Harmonies

Analogous

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



83AB40



35B46B



00B8A0

Triad

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



35B46B



26A3FF



FA776B

Complementary

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



35B46B



B4357E

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.



FB6F9E



35B46B



A490F7

Square

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



35B46B



00B1F9



E07AD1



E18A42

Rectangle

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



35B46B



00B8C3



E07AD1



FD727B

Sweetspot

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



35B46B



B9EBCE



7FB435



587564



F5F5F5



757575

Same Dimension

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



35B46B



23EB78



35B4A9



505954



009941



001A0B

Inverse Universe

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



B4357E



EB2396



B43540



595055



990058



1A000F

Previews

White Background



This preview shows how the Hex color 35B46B looks on a white background.

Color Contrast Check

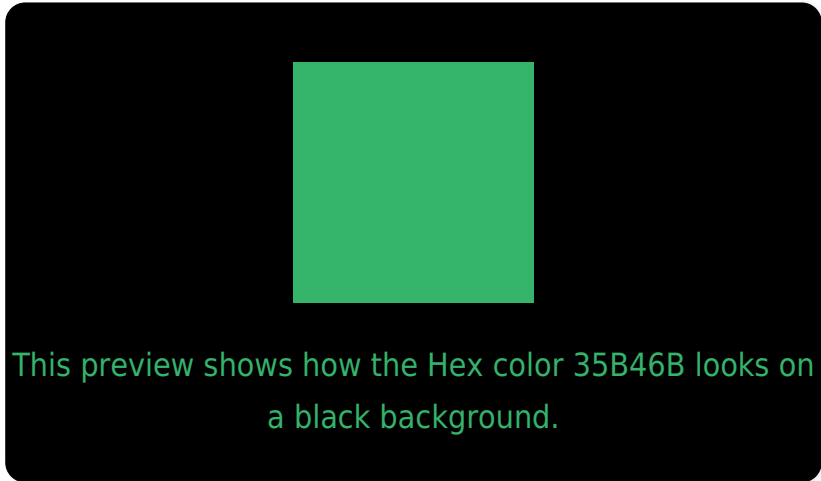
Large Text (above 18pt) WCAG AA × Fail

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 35B46B Background



This preview shows how black text looks on a background with the Hex color 35B46B.

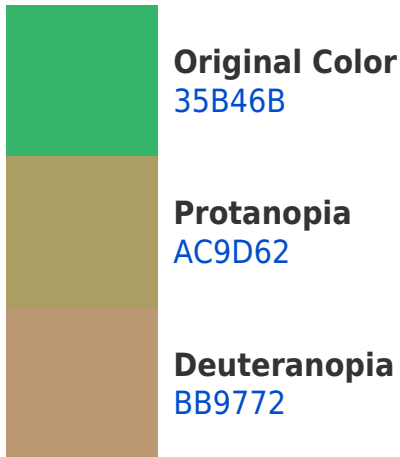


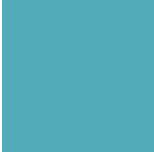
This preview shows how white text looks on a background with the Hex color 35B46B.

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
52ABB9

Trichromacy



Original Color
35B46B



Protanomaly
81A565



Deuteranomaly
8AA26F



Tritanomaly
47AE9D

Monochromacy



Original Color
35B46B



Achromatopsia
868686



Achromatomaly
69977C

CSS Examples

Text

The CSS property to change the color of the text to Hex 35B46B 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 #35B46B looks like.

```
.text, #text, p{  
    color:#35B46B  
}
```

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 #35B46B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B46B
}
```

Border

The CSS property to change the border of an element to Hex 35B46B 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
#35B46B }
```

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

```
.border{ border-color:#35B46B }
```

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

Here you see how a box with a 4 pixel #35B46B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B46B; -webkit-box-shadow:4px 4px  
4px 4px #35B46B; box-shadow:4px 4px 4px  
4px #35B46B }
```

Background

The CSS property to change the background color of an element to Hex 35B46B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B46B }
```

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

```
.background{ background-color:#35B46B }
```

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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