

Converting Colors

Hex(03B346)

Have a look what the booklet for
Hex(03B346) contains.

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Color

Hex(03B346)

Conversions

Conversions Part 1

Format	Color
Hex	03B346
RGB	3, 179, 70
RGB Percent	1%, 70%, 27%
CMY	0.9882, 0.2980, 0.7255
CMYK	0.98, 0.00, 0.61, 0.30
HSL	143°, 97%, 36%
HSV	143°, 98%, 70%
XYZ	17.2631, 32.7018, 11.1966
YIQ	113.9500, -69.9070, -71.2110

Conversions

Conversions Part 2

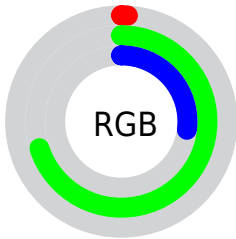
Format	Color
RYB	3, 130, 179
Decimal	242502
CIELab	63.92, -61.32, 44.09
CIELCh	64, 75.524, 144.282
Yxy	32.7018, 0.2823, 0.5347
Android (android.graphics.Color)	4278432582 (0xFF03B346)
YUV	113.9500, -21.6674, -97.3032
Hunter-Lab	57.1854, -46.1890, 28.4212

Details

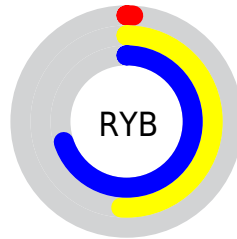
The Hex color **03B346** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B30370**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **60EC7A**, and **007D10** is the 20% darker color. If you saturate the color by 10%, you get **00B344**, and if you desaturate by 10%, it is **15B351**.

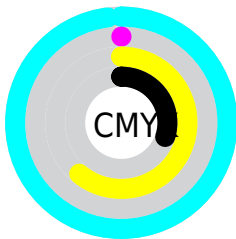
Distribution



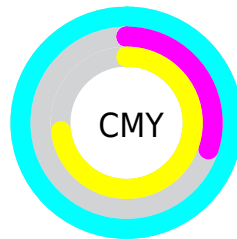
- Red (1%)
- Green (70%)
- Blue (27%)



- Red (1%)
- Yellow (51%)
- Blue (70%)



- Cyan (98%)
- Magenta (0%)
- Yellow (61%)
- Black (30%)



- Cyan (99%)
- Magenta (30%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03B346 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 03B346 by changing the saturation by 10% instead.

 03B346

 03B346

FFFFFF

 00972C

 60EC7A

 007D10

 7FFF95

 006200

 9DFFB0

 004900

 BCFFCC

 003200

 DAFFE9

 001600

 F9FFFF

 000000

 03B346

 03B346

 00B344

 15B351

 27B35C

 39B367

 4BB372

 5CB37D

 6EB389

 80B394

 92B39F

 A4B3AA

Harmonies

Analogous

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



85A700



03B346



00B88B

Triad

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



03B346



00A7FF



FF5968

Complementary

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



03B346



B30370

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.



FF53AB



03B346



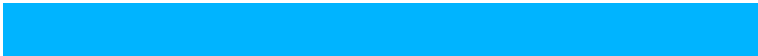
7D8FFF

Square

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



03B346



00B4FF



DF6EEB



F57729

Rectangle

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



03B346



00B9BA



DF6EEB



FF537E

Sweetspot

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



03B346



A5E8BE



72B303



4C755C



F5F5F5



757575

Same Dimension

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



03B346



00E858



03B39C



505954



00993A



001A0A

Inverse Universe

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



B30370



E80090



B3031A



595056



99005F



1A0010

Previews

White Background



This preview shows how the Hex color 03B346 looks on a white background.

Color Contrast Check

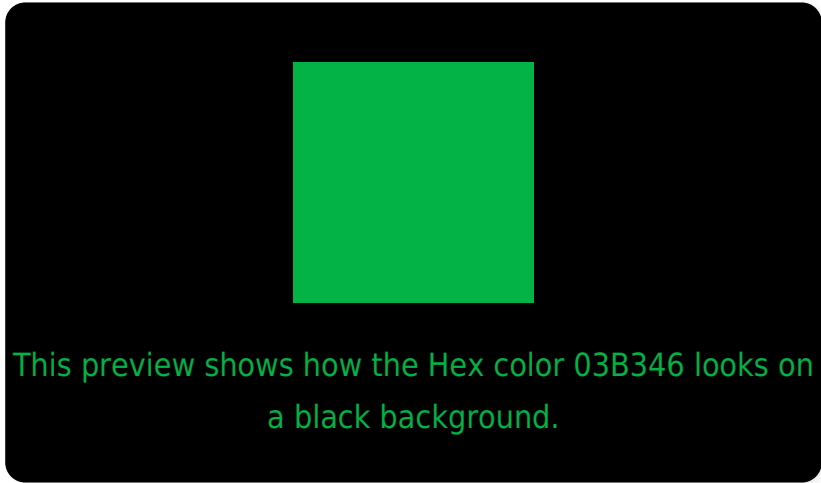
Large Text (above 18pt) WCAG AA × Fail

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 03B346 Background



This preview shows how black text looks on a background with the Hex color 03B346.

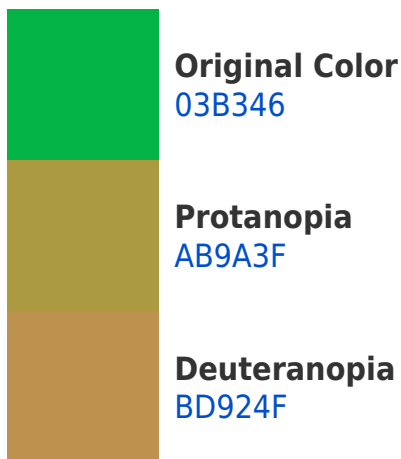


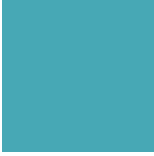
This preview shows how white text looks on a background with the Hex color 03B346.

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
47A8B5

Trichromacy



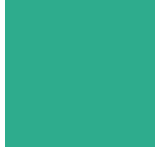
Original Color
03B346



Protanomaly
6EA342



Deuteranomaly
799E4C



Tritanomaly
2EAC8D

Monochromacy



Original Color
03B346



Achromatopsia
727272



Achromatomaly
4A8A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 03B346 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 #03B346 looks like.

```
.text, #text, p{  
    color:#03B346  
}
```

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 #03B346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03B346
}
```

Border

The CSS property to change the border of an element to Hex 03B346 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
#03B346 }
```

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

```
.border{ border-color:#03B346 }
```

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

Here you see how a box with a 4 pixel #03B346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03B346; -webkit-box-shadow:4px 4px  
4px 4px #03B346; box-shadow:4px 4px 4px  
4px #03B346 }
```

Background

The CSS property to change the background color of an element to Hex 03B346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03B346 }
```

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

```
.background{ background-color:#03B346 }
```

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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