

Converting Colors

Hex(03B154)

Have a look what the booklet for
Hex(03B154) contains.

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Color

Hex(03B154)

Conversions

Conversions Part 1

Format	Color
Hex	03B154
RGB	3, 177, 84
RGB Percent	1%, 69%, 33%
CMY	0.9882, 0.3059, 0.6706
CMYK	0.98, 0.00, 0.53, 0.31
HSL	148°, 97%, 35%
HSV	148°, 98%, 69%
XYZ	17.3599, 32.1037, 13.6692
YIQ	114.3720, -73.8510, -65.8110

Conversions

Conversions Part 2

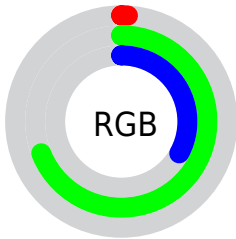
Format	Color
RYB	3, 122, 177
Decimal	242004
CIELab	63.43, -58.68, 36.80
CIElCh	63, 69.263, 147.904
Yxy	32.1037, 0.2750, 0.5085
Android (android.graphics.Color)	4278432084 (0xFF03B154)
YUV	114.3720, -14.9734, -97.6732
Hunter-Lab	56.6602, -44.4652, 25.3585

Details

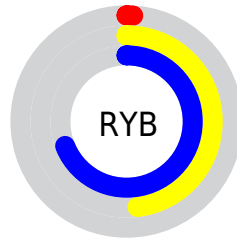
The Hex color **03B154** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B10360**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5FEA87**, and **007B23** is the 20% darker color. If you saturate the color by 10%, you get **00B152**, and if you desaturate by 10%, it is **15B15D**.

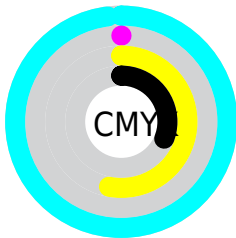
Distribution



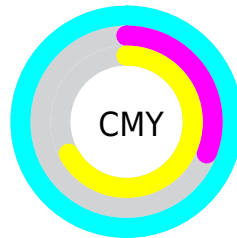
- Red (1%)
- Green (69%)
- Blue (33%)



- Red (1%)
- Yellow (48%)
- Blue (69%)



- Cyan (98%)
- Magenta (0%)
- Yellow (53%)
- Black (31%)



- Cyan (99%)
- Magenta (31%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03B154 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 03B154 by changing the saturation by 10% instead.

 03B154

 03B154


FFFFFF

 00963B

 5FEA87

 007B23

 7EFAA2

 006107

 9CFFBE

 004700

 BAFFDA

 003100

 D8FFF7

 001400

 F7FFFF

 000000

 03B154

 03B154

 00B152

 15B15D

 26B167

 38B170

 4AB17A

 5BB183

 6DB18D

 7FB196

 91B1A0

 A2B1A9

Harmonies

Analogous

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



7FA719



03B154



00B693

Triad

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



03B154



00A2FF



FF6364

Complementary

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



03B154



B10360

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.



FF5BA1



03B154



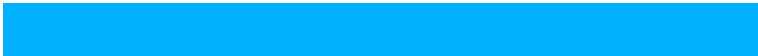
8F8BFF

Square

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



03B154



00B0FF



DF6EDC



E97C2D

Rectangle

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



03B154



00B6BE



DF6EDC



FF5D77

Sweetspot

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



03B154



A3E6C2



63B103



4B735D



F2F2F2



737373

Same Dimension

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



03B154



00E66B



03B1A8



505954



009947



001A0C

Inverse Universe

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



B10360



E6007B



B1030C



595055



990052



1A000E

Previews

White Background



This preview shows how the Hex color 03B154 looks on a white background.

Color Contrast Check

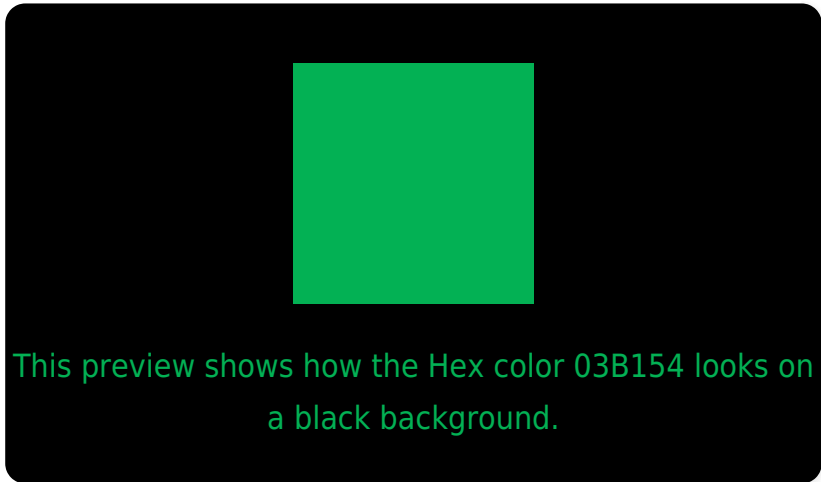
Large Text (above 18pt) WCAG AA × Fail

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 03B154 Background



This preview shows how black text looks on a background with the Hex color 03B154.



This preview shows how white text looks on a background with the Hex color 03B154.

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
45A7B4

Trichromacy



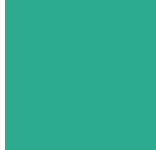
Original Color
03B154



Protanomaly
6DA24F



Deuteranomaly
779D59



Tritanomaly
2DAB91

Monochromacy



Original Color
03B154



Achromatopsia
727272



Achromatomaly
4A8967

CSS Examples

Text

The CSS property to change the color of the text to Hex 03B154 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 #03B154 looks like.

```
.text, #text, p{  
    color:#03B154  
}
```

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 #03B154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03B154
}
```

Border

The CSS property to change the border of an element to Hex 03B154 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
#03B154 }
```

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

```
.border{ border-color:#03B154 }
```

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

Here you see how a box with a 4 pixel #03B154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03B154; -webkit-box-shadow:4px 4px  
4px 4px #03B154; box-shadow:4px 4px 4px  
4px #03B154 }
```

Background

The CSS property to change the background color of an element to Hex 03B154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03B154 }
```

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

```
.background{ background-color:#03B154 }
```

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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