

# Converting Colors

Hex(0FBD65)

Have a look what the booklet for  
Hex(0FBD65) contains.

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# Color

Hex(0FBD65)

# Conversions

## Conversions Part 1

Format	Color
Hex	0FBD65
RGB	15, 189, 101
RGB Percent	6%, 74%, 40%
CMY	0.9412, 0.2588, 0.6039
CMYK	0.92, 0.00, 0.47, 0.26
HSL	150°, 85%, 40%
HSV	150°, 92%, 74%
XYZ	20.7436, 37.4363, 18.4446
YIQ	126.9420, -75.4560, -64.2560

# Conversions

## Conversions Part 2

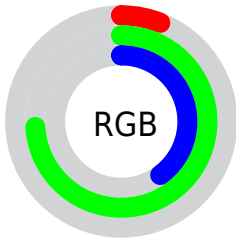
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 131, 189
Decimal	1031525
CIELab	67.60, -59.32, 33.48
CIELCh	68, 68.118, 150.560
Yxy	37.4363, 0.2707, 0.4886
Android (android.graphics.Color)	4279221605 (0xFF0FBD65)
YUV	126.9420, -12.7894, -98.1731
Hunter-Lab	61.1852, -46.5575, 24.9564

# Details

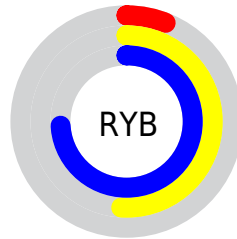
The Hex color **0FBD65** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BD0F67**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **64F699**, and **008634** is the 20% darker color. If you saturate the color by 10%, you get **00BD5D**, and if you desaturate by 10%, it is **22BD6F**.

# Distribution



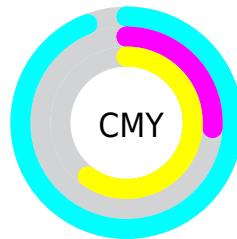
- Red (6%)
- Green (74%)
- Blue (40%)



- Red (6%)
- Yellow (51%)
- Blue (74%)



- Cyan (92%)
- Magenta (0%)
- Yellow (47%)
- Black (26%)



- Cyan (94%)
- Magenta (26%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FBD65 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 0FBD65 by changing the saturation by 10% instead.



 0FBBD65

 0FBBD65

FFFFFF

 00A14C

 64F699

 008634

 84FFB4

 006C1C

 A2FFD0

 005202

 C0FFED

 003A00

 DFFFFF

 002200

FEFFFF

 000000

 0FBBD65

 0FBBD65

 00BD5D

 22BD6F

 35BD78

 48BD82

 5BBD8B

 6EBD95

 80BD9E

 93BDA8

 A6BDB1

 B9BDBB

# Harmonies

## Analogous

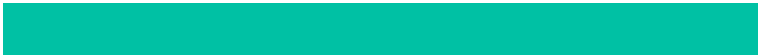
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85B32F



0FBD65



00C1A4

# Triad

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



0FBD65



00ABFF



FF726A

# Complementary

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



0FBD65



BD0F67

# 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.



FF68A6



0FBD65



A594FF

# Square

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



0FBD65



00BAFF



EF78E2



F28A36

# Rectangle

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



0FBD65



00C2CE



EF78E2



FF6C7D



# Sweetspot

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



0FBD65



B0F5D2



69BD0F



517A65



FAFAFA



7A7A7A



# Same Dimension

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



0FBD65



00F579



0FBDBA



555E5A



009E4E



001F0F



# Inverse Universe

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



BD0F67



F5007C



BD0F12



5E555A



9E0050



1F000F



# Previews

## White Background



This preview shows how the Hex color 0FBD65 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 0FBD65 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

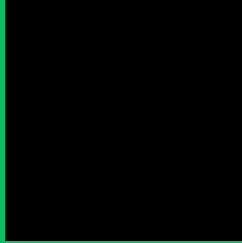
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0FBD65 Background



This preview shows how black text looks on a background with the Hex color 0FBD65.



This preview shows how white text looks on a background with the Hex color 0FBD65.

# 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](#).

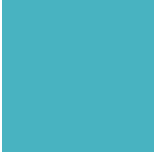
## Dichromacy



**Original Color**  
0FBD65

**Protanopia**  
B3A35C

**Deuteranopia**  
C49C6D



**Tritanopia**  
48B3C1

# Trichromacy



**Original Color**  
0FBD65



**Protanomaly**  
77AC5F



**Deuteranomaly**  
82A86A



**Tritanomaly**  
33B7A0

# Monochromacy



**Original Color**  
0FBD65



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
569676

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FBD65 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 #0FBD65 looks like.

```
.text, #text, p{  
    color:#0FBD65  
}
```

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 #0FBD65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FBD65
}
```

## Border

The CSS property to change the border of an element to Hex 0FBD65 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
#0FBD65 }
```

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

```
.border{ border-color:#0FBD65 }
```

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

Here you see how a box with a 4 pixel #0FBD65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FBD65; -webkit-box-shadow:4px 4px  
4px 4px #0FBD65; box-shadow:4px 4px 4px  
4px #0FBD65 }
```

# Background

The CSS property to change the background color of an element to Hex 0FBD65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FBD65 }
```

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

```
.background{ background-color:#0FBD65 }
```

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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