

# Converting Colors

Hex(0DBA5F)

Have a look what the booklet for  
Hex(0DBA5F) contains.

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# Color

**Hex(0DBA5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DBA5F
RGB	13, 186, 95
RGB Percent	5%, 73%, 37%
CMY	0.9490, 0.2706, 0.6275
CMYK	0.93, 0.00, 0.49, 0.27
HSL	148°, 87%, 39%
HSV	148°, 93%, 73%
XYZ	19.7904, 36.0296, 16.7378
YIQ	123.8990, -73.8970, -64.9770

# Conversions

## Conversions Part 2

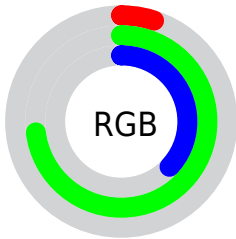
Format	Color
<a href="#">RYB</a>	<a href="#">13, 130, 186</a>
Decimal	<a href="#">899679</a>
CIELab	<a href="#">66.54, -59.43, 35.18</a>
CIELCh	<a href="#">67, 69.064, 149.380</a>
Yxy	<a href="#">36.0296, 0.2728, 0.4966</a>
Android (android.graphics.Color)	<a href="#">4279089759 (0xFF0DBA5F)</a>
YUV	<a href="#">123.8990, -14.2472, -97.2584</a>
Hunter-Lab	<a href="#">60.0247, -46.1908, 25.4843</a>

# Details

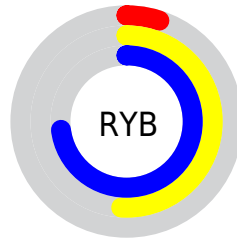
The Hex color **0DBA5F** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BA0D68**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **63F393**, and **00832E** is the 20% darker color. If you saturate the color by 10%, you get **00BA58**, and if you desaturate by 10%, it is **20BA69**.

# Distribution



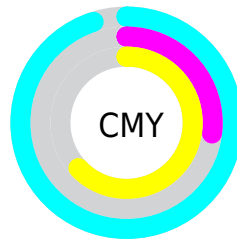
- Red (5%)
- Green (73%)
- Blue (37%)



- Red (5%)
- Yellow (51%)
- Blue (73%)



- Cyan (93%)
- Magenta (0%)
- Yellow (49%)
- Black (27%)



- Cyan (95%)
- Magenta (27%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DBA5F 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 0DBA5F by changing the saturation by 10% instead.



 0DBA5F

 0DBA5F

FFFFFF

 009E46

 63F393

 00832E

 82FFAE

 006915

 A1FFCA

 004F00

 BFFFE6

 003700

 DDFFFF

 001F00

 FCFFFF

 000000

 0DBA5F

 0DBA5F

 00BA58

 20BA69

 32BA73

 45BA7C

 57BA86

 6ABA90

 7DBA9A

 8FBAA3

 A2BAAD

 B4BAB7

# Harmonies

## Analogous

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



84B027



0DBA5F



00BF9F

# Triad

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



0DBA5F



00AAFF



FF6D69

# Complementary

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



0DBA5F



BA0D68

# 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.



FF64A6



0DBA5F



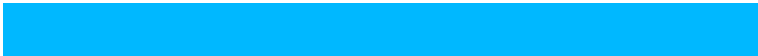
9E92FF

# Square

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



0DBA5F



00B8FF



EB76E2



F18633

# Rectangle

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



0DBA5F



00BFC9



EB76E2



FF677C



# Sweetspot

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



0DBA5F



AEF2CF



69BA0D



517A65



FAFAFA



7A7A7A



# Same Dimension

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



0DBA5F



00F273



0DBAB4



535C57



009C4A



001C0D



# Inverse Universe

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



BA0D68



F2007F



BA0D13



5C5357



9C0052



1C000F



# Previews

## White Background



This preview shows how the Hex color 0DBA5F looks on a white background.

## Color Contrast Check

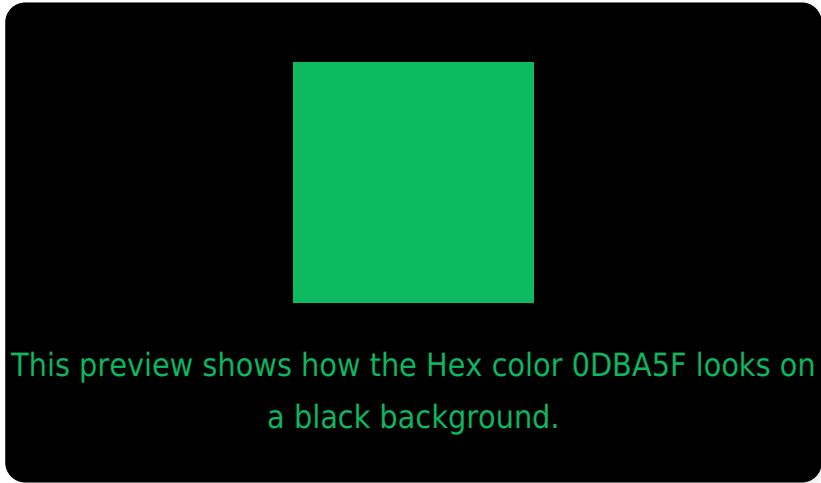
Large Text (above 18pt) WCAG AA × Fail

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 0DBA5F Background



This preview shows how black text looks on a background with the Hex color 0DBA5F.

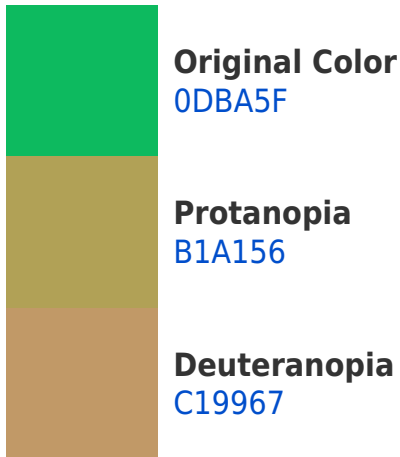


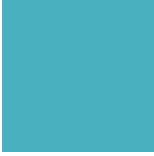
This preview shows how white text looks on a background with the Hex color 0DBA5F.

# 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**  
48B0BE

# Trichromacy



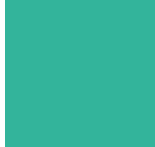
**Original Color**  
0DBA5F



**Protanomaly**  
75AA59



**Deuteranomaly**  
80A564



**Tritanomaly**  
33B49B

# Monochromacy



**Original Color**  
0DBA5F



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
549371

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DBA5F 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 #0DBA5F looks like.

```
.text, #text, p{  
    color:#0DBA5F  
}
```

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 #0DBA5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DBA5F
}
```

## Border

The CSS property to change the border of an element to Hex 0DBA5F 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
#0DBA5F }
```

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

```
.border{ border-color:#0DBA5F }
```

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

Here you see how a box with a 4 pixel #0DBA5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DBA5F; -webkit-box-shadow:4px 4px  
4px 4px #0DBA5F; box-shadow:4px 4px 4px  
4px #0DBA5F }
```

# Background

The CSS property to change the background color of an element to Hex 0DBA5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DBA5F }
```

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

```
.background{ background-color:#0DBA5F }
```

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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