

Converting Colors

Hex(0EB964)

Have a look what the booklet for
Hex(0EB964) contains.

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Color

Hex(0EB964)

Conversions

Conversions Part 1

Format	Color
Hex	0EB964
RGB	14, 185, 100
RGB Percent	5%, 73%, 39%
CMY	0.9451, 0.2745, 0.6078
CMYK	0.92, 0.00, 0.46, 0.27
HSL	150°, 86%, 39%
HSV	150°, 92%, 73%
XYZ	19.8303, 35.7114, 17.9044
YIQ	124.1810, -74.6310, -62.6870

Conversions

Conversions Part 2

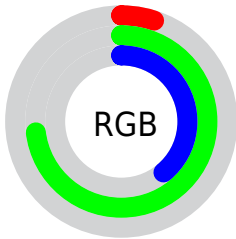
Format	Color
RYB	14, 128, 185
Decimal	964964
CIELab	66.30, -58.18, 32.32
CIELCh	66, 66.560, 150.947
Yxy	35.7114, 0.2700, 0.4862
Android (android.graphics.Color)	4279155044 (0xFF0EB964)
YUV	124.1810, -11.9212, -96.6287
Hunter-Lab	59.7590, -45.3452, 24.0674

Details

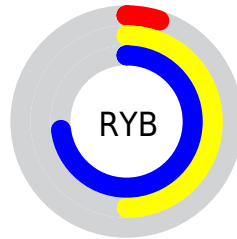
The Hex color **0EB964** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B90E63**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **63F298**, and **008233** is the 20% darker color. If you saturate the color by 10%, you get **00B95D**, and if you desaturate by 10%, it is **21B96D**.

Distribution



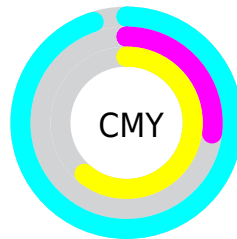
- Red (5%)
- Green (73%)
- Blue (39%)



- Red (5%)
- Yellow (50%)
- Blue (73%)



- Cyan (92%)
- Magenta (0%)
- Yellow (46%)
- Black (27%)



- Cyan (95%)
- Magenta (27%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EB964 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 0EB964 by changing the saturation by 10% instead.

 0EB964

 0EB964

FFFFFF

 009D4B

 63F298

 008233

 82FFB3

 00681B

 A0FFCF

 004F02

 BFFFEB

 003700

 DDFFFF

 001E00

 FCFFFF

 000000

 0EB964

 0EB964

 00B95D

 21B96D

 33B976

 45B980

 58B989

 6AB992

 7DB99B

 90B9A4

 A2B9AE

 B5B9B7

Harmonies

Analogous

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



81AF2F



0EB964



00BDA1

Triad

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



0EB964



00A8FF



FF7067

Complementary

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



0EB964



B90E63

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.



FF67A2



0EB964



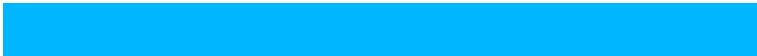
A390FF

Square

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



0EB964



00B6FF



EB76DC



EC8835

Rectangle

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



0EB964



00BDCA



EB76DC



FF6A7A

Sweetspot

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



0EB964



ADF0CE



64B90E



4F7864



F7F7F7



787878

Same Dimension

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



0EB964



00F079



0EB9B9



535C57



009C4E



001C0E

Inverse Universe

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



B90E63



F00077



B90E0E



5C5357



9C004D



1C000E

Previews

White Background



This preview shows how the Hex color 0EB964 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 0EB964 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 0EB964 Background



This preview shows how black text looks on a background with the Hex color 0EB964.



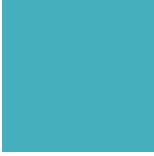
This preview shows how white text looks on a background with the Hex color 0EB964.

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
46AFBD

Trichromacy



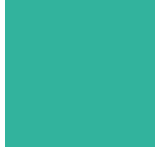
Original Color
0EB964



Protanomaly
75A95E



Deuteranomaly
7FA569



Tritanomaly
32B39D

Monochromacy



Original Color
0EB964



Achromatopsia
7C7C7C



Achromatomaly
549273

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EB964 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 #0EB964 looks like.

```
.text, #text, p{  
    color:#0EB964  
}
```

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 #0EB964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB964
}
```

Border

The CSS property to change the border of an element to Hex 0EB964 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
#0EB964 }
```

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

```
.border{ border-color:#0EB964 }
```

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

Here you see how a box with a 4 pixel #0EB964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB964; -webkit-box-shadow:4px 4px  
4px 4px #0EB964; box-shadow:4px 4px 4px  
4px #0EB964 }
```

Background

The CSS property to change the background color of an element to Hex 0EB964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB964 }
```

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

```
.background{ background-color:#0EB964 }
```

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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