

Converting Colors

Hex(0EB366)

Have a look what the booklet for
Hex(0EB366) contains.

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Color

Hex(0EB366)

Conversions

Conversions Part 1

Format	Color
Hex	0EB366
RGB	14, 179, 102
RGB Percent	5%, 70%, 40%
CMY	0.9451, 0.2980, 0.6000
CMYK	0.92, 0.00, 0.43, 0.30
HSL	152°, 85%, 38%
HSV	152°, 92%, 70%
XYZ	18.6995, 33.2929, 18.0110
YIQ	120.8870, -73.6230, -58.9270

Conversions

Conversions Part 2

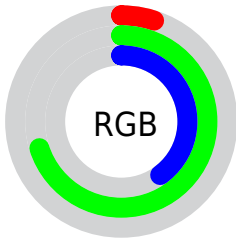
Format	Color
RYB	14, 122, 179
Decimal	963430
CIELab	64.40, -55.74, 28.83
CIELCh	64, 62.750, 152.651
Yxy	33.2929, 0.2671, 0.4756
Android (android.graphics.Color)	4279153510 (0xFF0EB366)
YUV	120.8870, -9.3113, -93.7399
Hunter-Lab	57.7000, -43.1265, 21.8827

Details

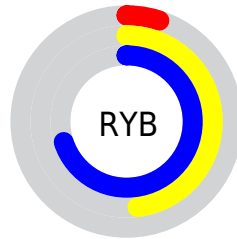
The Hex color **0EB366** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B30E5B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **61EC9A**, and **007D36** is the 20% darker color. If you saturate the color by 10%, you get **00B35F**, and if you desaturate by 10%, it is **20B36E**.

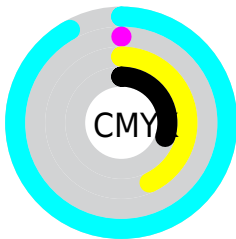
Distribution



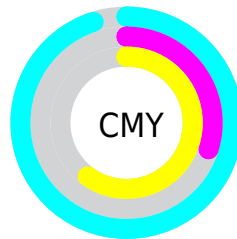
- Red (5%)
- Green (70%)
- Blue (40%)



- Red (5%)
- Yellow (48%)
- Blue (70%)



- Cyan (92%)
- Magenta (0%)
- Yellow (43%)
- Black (30%)



- Cyan (95%)
- Magenta (30%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EB366 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 0EB366 by changing the saturation by 10% instead.

 0EB366

 0EB366

FFFFFF

 00984D

 61EC9A

 007D36

 80FFB5

 00631E

 9EFFD1

 004906

 BCF FED

 003200

 DAFFFF

 001800

 F9FFFF

 000000

 0EB366

 0EB366

 00B35F

 20B36E

 32B377

 44B37F

 56B387

 68B390

 79B398

 8BB3A0

 9DB3A9

 AFB3B1

Harmonies

Analogous

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



7BAA35



0EB366



00B7A0

Triad

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



0EB366



00A1FF



FD7063

Complementary

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



0EB366



B30E5B

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.



FF6699



0EB366



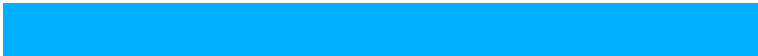
A38BFB

Square

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



0EB366



00AFFF



E473D1



E18636

Rectangle

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



0EB366



00B7C6



E473D1



FF6A74

Sweetspot

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



0EB366



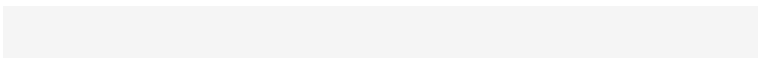
A7E8CA



5BB30E



4D7563



F5F5F5



757575

Same Dimension

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



0EB366



00E87C



0EAEB3



505955



009952



001A0E

Inverse Universe

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



B30E5B



E8006C



B3130E



595054



990047



1A000C

Previews

White Background



This preview shows how the Hex color 0EB366 looks on a white background.

Color Contrast Check

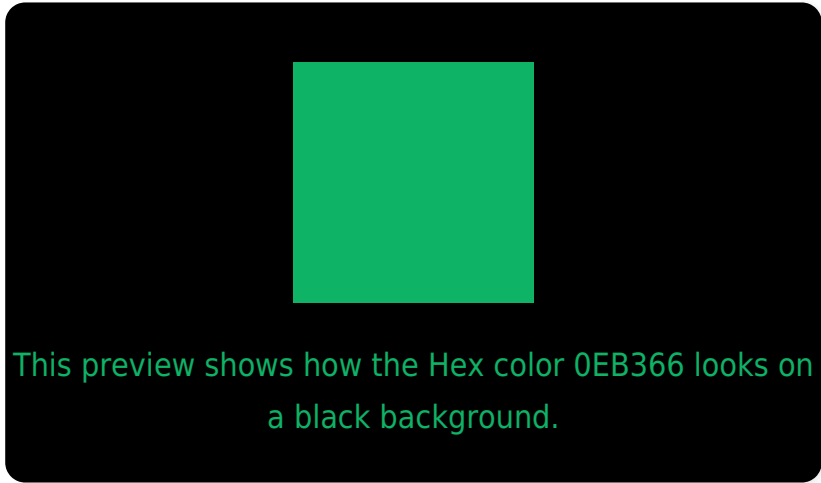
Large Text (above 18pt) WCAG AA × Fail

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 0EB366 Background



This preview shows how black text looks on a background with the Hex color 0EB366.

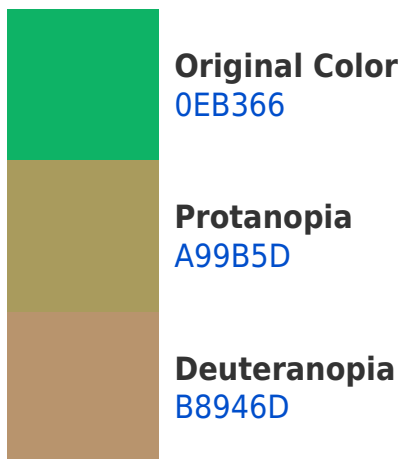


This preview shows how white text looks on a background with the Hex color 0EB366.

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
43AAB7

Trichromacy



Original Color
0EB366



Protanomaly
71A460



Deuteranomaly
7A9F6A



Tritanomaly
30AD9A

Monochromacy



Original Color
0EB366



Achromatopsia
797979



Achromatomaly
528E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EB366 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 #0EB366 looks like.

```
.text, #text, p{  
    color:#0EB366  
}
```

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 #0EB366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB366  
}
```

Border

The CSS property to change the border of an element to Hex 0EB366 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  
#0EB366 }
```

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

```
.border{ border-color:#0EB366 }
```

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

Here you see how a box with a 4 pixel #0EB366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB366; -webkit-box-shadow:4px 4px  
4px 4px #0EB366; box-shadow:4px 4px 4px  
4px #0EB366 }
```

Background

The CSS property to change the background color of an element to Hex 0EB366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB366 }
```

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

```
.background{ background-color:#0EB366 }
```

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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