

Converting Colors

Hex(0EB679)

Have a look what the booklet for
Hex(0EB679) contains.

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Color

Hex(0EB679)

Conversions

Conversions Part 1

Format	Color
Hex	0EB679
RGB	14, 182, 121
RGB Percent	5%, 71%, 47%
CMY	0.9451, 0.2863, 0.5255
CMYK	0.92, 0.00, 0.34, 0.29
HSL	158°, 86%, 38%
HSV	158°, 92%, 71%
XYZ	20.3602, 34.9297, 23.7582
YIQ	124.8140, -80.5470, -54.5870

Conversions

Conversions Part 2

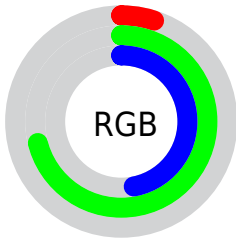
Format	Color
RYB	14, 117, 182
Decimal	964217
CIELab	65.69, -52.96, 20.45
CIELCh	66, 56.769, 158.890
Yxy	34.9297, 0.2576, 0.4419
Android (android.graphics.Color)	4279154297 (0xFF0EB679)
YUV	124.8140, -1.8803, -97.1839
Hunter-Lab	59.1014, -41.9347, 17.5370

Details

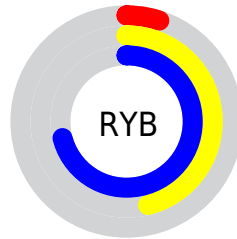
The Hex color **0EB679** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B60E4B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **62EFAE**, and **008048** is the 20% darker color. If you saturate the color by 10%, you get **00B674**, and if you desaturate by 10%, it is **20B680**.

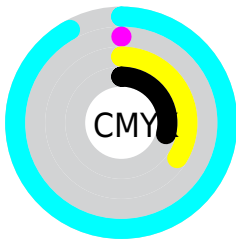
Distribution



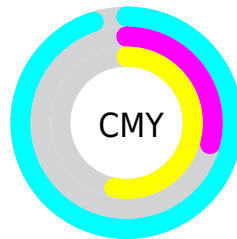
- Red (5%)
- Green (71%)
- Blue (47%)



- Red (5%)
- Yellow (46%)
- Blue (71%)



- Cyan (92%)
- Magenta (0%)
- Yellow (34%)
- Black (29%)



- Cyan (95%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EB679 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 0EB679 by changing the saturation by 10% instead.

 0EB679

 0EB679


FFFFFF

 009A60

 62EFAE

 008048

 81FFC9

 006631

 9FFFE5

 004C1B

 BDFFFF

 003503

 DCFFFF

 001C00

 FAFFFF

 000000

 0EB679

 0EB679

 00B674

 20B680

 32B686

 45B68D

 57B693

 69B69A

 7BB6A1

 8DB6A7

 A0B6AE

 B2B6B4

Harmonies

Analogous

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



77AF4C



0EB679



00B9AE

Triad

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



0EB679



5AA0FF



F67C62

Complementary

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



0EB679



B60E4B

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.



FD7292



0EB679



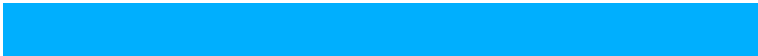
B68CEF

Square

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



0EB679



00AFFE



E978C5



D9903E

Rectangle

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



0EB679



00B8CF



E978C5



FB7771

Sweetspot

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



0EB679



ABEDD5



4CB60E



4F7869



F7F7F7



787878

Same Dimension

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



0EB679



00ED97



0EA0B6



535C58



009C63



001C12

Inverse Universe

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



B60E4B



ED0056



B6240E



5C5356



9C0038



1C000A

Previews

White Background



This preview shows how the Hex color 0EB679 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 0EB679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

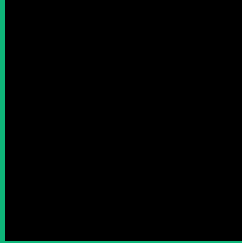
Any Text WCAG AA ✓ Pass

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 0EB679 Background



This preview shows how black text looks on a background with the Hex color 0EB679.



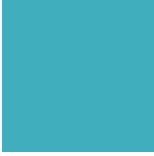
This preview shows how white text looks on a background with the Hex color 0EB679.

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
40AEB3

Trichromacy



Original Color
0EB679



Protanomaly
72A773



Deuteranomaly
7AA37D



Tritanomaly
2EB1A4

Monochromacy



Original Color
0EB679



Achromatopsia
7D7D7D



Achromatomaly
55927C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EB679 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 #0EB679 looks like.

```
.text, #text, p{  
    color:#0EB679  
}
```

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 #0EB679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB679
}
```

Border

The CSS property to change the border of an element to Hex 0EB679 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
#0EB679 }
```

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

```
.border{ border-color:#0EB679 }
```

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

Here you see how a box with a 4 pixel #0EB679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB679; -webkit-box-shadow:4px 4px  
4px 4px #0EB679; box-shadow:4px 4px 4px  
4px #0EB679 }
```

Background

The CSS property to change the background color of an element to Hex 0EB679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB679 }
```

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

```
.background{ background-color:#0EB679 }
```

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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