

Converting Colors

Hex(0EC658)

Have a look what the booklet for
Hex(0EC658) contains.

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Color

Hex(0EC658)

Conversions

Conversions Part 1

Format	Color
Hex	0EC658
RGB	14, 198, 88
RGB Percent	5%, 78%, 35%
CMY	0.9451, 0.2235, 0.6549
CMYK	0.93, 0.00, 0.56, 0.22
HSL	144°, 87%, 42%
HSV	144°, 93%, 78%
XYZ	22.1366, 41.1861, 16.0155
YIQ	130.4440, -74.3540, -73.2180

Conversions

Conversions Part 2

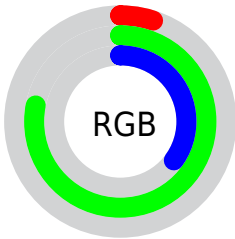
Format	Color
RYB	14, 145, 198
Decimal	968280
CIELab	70.31, -64.38, 43.23
CIELCh	70, 77.547, 146.119
Yxy	41.1861, 0.2790, 0.5191
Android (android.graphics.Color)	4279158360 (0xFF0EC658)
YUV	130.4440, -20.9249, -102.1214
Hunter-Lab	64.1764, -50.7380, 30.1274

Details

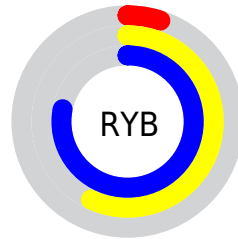
The Hex color **0EC658** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C60E7C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **67FF8C**, and **008E25** is the 20% darker color. If you saturate the color by 10%, you get **00C650**, and if you desaturate by 10%, it is **22C664**.

Distribution



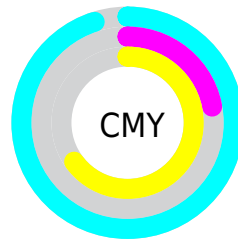
- Red (5%)
- Green (78%)
- Blue (35%)



- Red (5%)
- Yellow (57%)
- Blue (78%)



- Cyan (93%)
- Magenta (0%)
- Yellow (56%)
- Black (22%)



- Cyan (95%)
- Magenta (22%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EC658 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 0EC658 by changing the saturation by 10% instead.

 0EC658

 0EC658

FFFFFF

 00AA3E

 67FF8C

 008E25

 87FFA8

 007405

 A6FFC3

 005A00

 C5FFE0

 004000

 E3FFFD

 002900

 000200

 000000

 0EC658

 0EC658

 00C650

 22C664

 36C670

 49C67C

 5DC687

 71C693

 85C69F

 99C6AB

 ACC6B7

 C0C6C3

Harmonies

Analogous

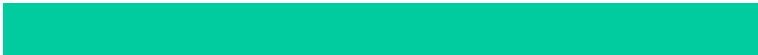
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91BA0C



0EC658



00CCA0

Triad

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



0EC658



00B7FF



FF6B72

Complementary

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



0EC658



C60E7C

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.



FF63B8



0EC658



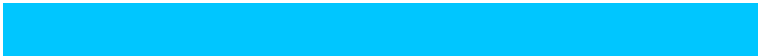
979DFF

Square

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



0EC658



00C6FF



F77CFC



FF8933

Rectangle

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



0EC658



00CCD1



F77CFC



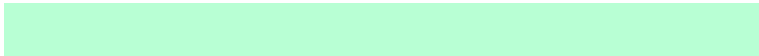
FF6489

Sweetspot

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



0EC658



B8FFD4



7CC60E



548066



000000



808080

Same Dimension

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



0EC658



00FF67



0EC6B4



5A635E



00A342



00240E

Inverse Universe

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



C60E7C



FF0098



C60E20



635A5F



A30062



240015

Previews

White Background



This preview shows how the Hex color 0EC658 looks on a white background.

Color Contrast Check

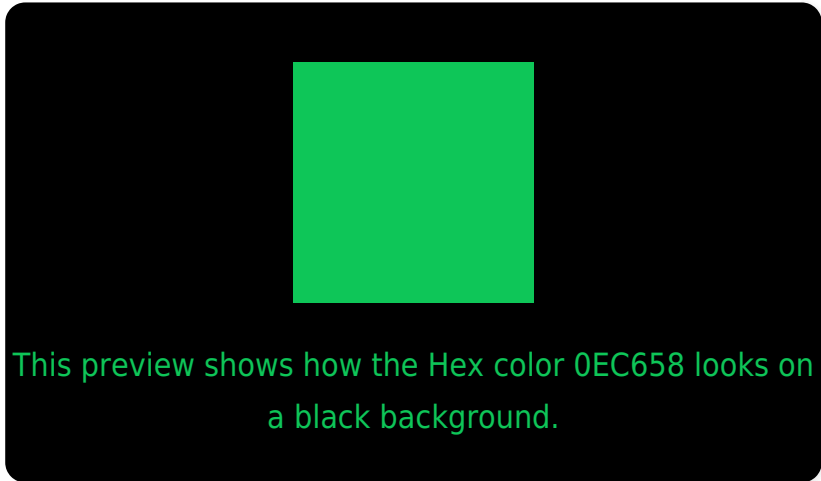
Large Text (above 18pt) WCAG AA × Fail

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 0EC658 Background



This preview shows how black text looks on a background with the Hex color 0EC658.

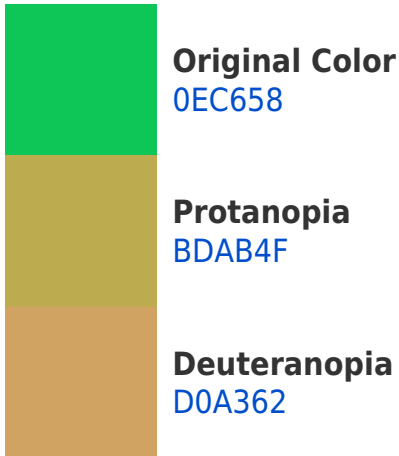


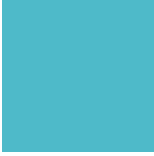
This preview shows how white text looks on a background with the Hex color 0EC658.

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
4EBAC9

Trichromacy



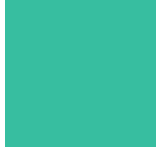
Original Color
0EC658



Protanomaly
7DB552



Deuteranomaly
89B05E



Tritanomaly
37BEA0

Monochromacy



Original Color
0EC658



Achromatopsia
828282



Achromatomaly
589B73

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EC658 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 #0EC658 looks like.

```
.text, #text, p{  
    color:#0EC658  
}
```

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 #0EC658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EC658
}
```

Border

The CSS property to change the border of an element to Hex 0EC658 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
#0EC658 }
```

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

```
.border{ border-color:#0EC658 }
```

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

Here you see how a box with a 4 pixel #0EC658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EC658; -webkit-box-shadow:4px 4px  
4px 4px #0EC658; box-shadow:4px 4px 4px  
4px #0EC658 }
```

Background

The CSS property to change the background color of an element to Hex 0EC658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EC658 }
```

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

```
.background{ background-color:#0EC658 }
```

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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