

Converting Colors

Hex(0ED165)

Have a look what the booklet for
Hex(0ED165) contains.

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Color

Hex(0ED165)

Conversions

Conversions Part 1

Format	Color
Hex	0ED165
RGB	14, 209, 101
RGB Percent	5%, 82%, 40%
CMY	0.9451, 0.1804, 0.6039
CMYK	0.93, 0.00, 0.52, 0.18
HSL	147°, 87%, 44%
HSV	147°, 93%, 82%
XYZ	25.3305, 46.6339, 19.9781
YIQ	138.3830, -81.5520, -74.9280

Conversions

Conversions Part 2

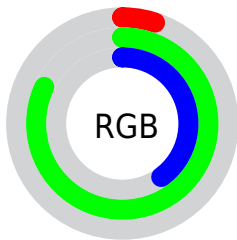
Format	Color
RYB	14, 149, 209
Decimal	971109
CIELab	73.95, -65.97, 41.45
CIELCh	74, 77.911, 147.861
Yxy	46.6339, 0.2755, 0.5072
Android (android.graphics.Color)	4279161189 (0xFF0ED165)
YUV	138.3830, -18.4298, -109.0839
Hunter-Lab	68.2890, -53.2945, 30.4569

Details

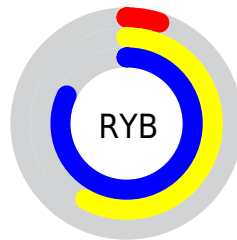
The Hex color **0ED165** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D10E7A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6AFF9A**, and **009932** is the 20% darker color. If you saturate the color by 10%, you get **00D15D**, and if you desaturate by 10%, it is **23D171**.

Distribution



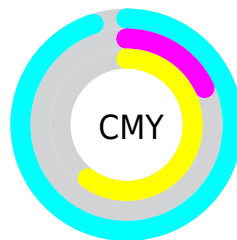
- Red (5%)
- Green (82%)
- Blue (40%)



- Red (5%)
- Yellow (58%)
- Blue (82%)



- Cyan (93%)
- Magenta (0%)
- Yellow (52%)
- Black (18%)



- Cyan (95%)
- Magenta (18%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0ED165 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 0ED165 by changing the saturation by 10% instead.

 0ED165

 0ED165

FFFFFF

 00B54B

 6AFF9A

 009932

 8AFFB5

 007E18

 A9FFD1

 006300

 C8FFEE

 004A00

 E7FFFF

 003200

 001600

 000000

 0ED165

 0ED165

■ 00D15D

■ 23D171

■ 38D17C

■ 4DD188

■ 62D193

■ 77D19F

■ 8BD1AA

■ A0D1B6

■ B5D1C2

■ CAD1CD

Harmonies

Analogous

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



97C521



0ED165



00D6AE

Triad

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



0ED165



00C0FF



FF7677

Complementary

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



0ED165



D10E7A

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.



FF6DBE



0ED165



AAA5FF

Square

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



0ED165



00D0FF



FF84FF



FF9438

Rectangle

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



0ED165



00D7E0



FF84FF



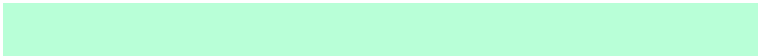
FF708E

Sweetspot

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



0ED165



B8FFD7



7DD10E



548067



000000



808080

Same Dimension

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



0ED165



00FF72



0ED1C4



5E6963



00A84B



002912

Inverse Universe

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



D10E7A



FF008D



D10E1B



695E64



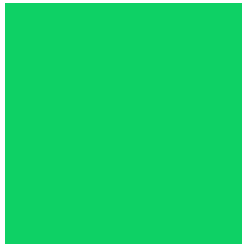
A8005D



290017

Previews

White Background



This preview shows how the Hex color 0ED165 looks on a white background.

Color Contrast Check

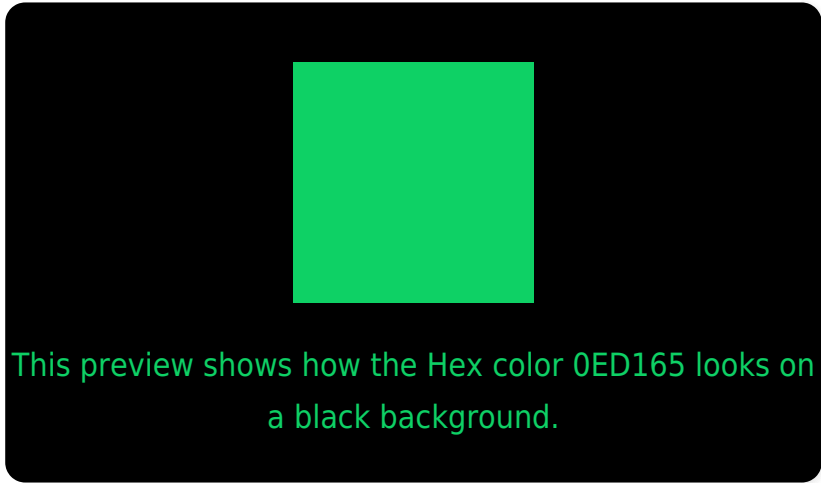
Large Text (above 18pt) WCAG AA × Fail

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 0ED165 Background



This preview shows how black text looks on a background with the Hex color 0ED165.

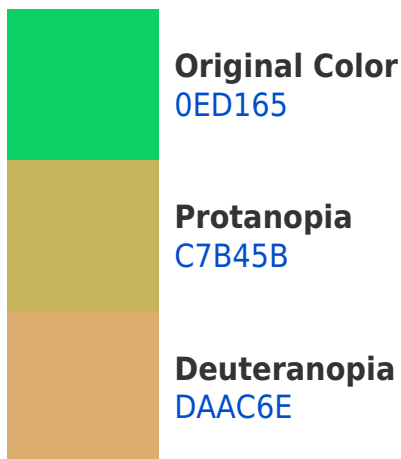


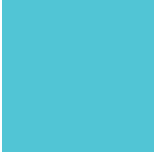
This preview shows how white text looks on a background with the Hex color 0ED165.

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
51C5D5

Trichromacy



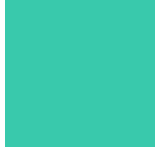
Original Color
0ED165



Protanomaly
84BF5F



Deuteranomaly
90B96B



Tritanomaly
39C9AC

Monochromacy



Original Color
0ED165



Achromatopsia
8A8A8A



Achromatomaly
5DA47D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0ED165 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 #0ED165 looks like.

```
.text, #text, p{  
    color:#0ED165  
}
```

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 #0ED165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0ED165
}
```

Border

The CSS property to change the border of an element to Hex 0ED165 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
#0ED165 }
```

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

```
.border{ border-color:#0ED165 }
```

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

Here you see how a box with a 4 pixel #0ED165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0ED165; -webkit-box-shadow:4px 4px  
4px 4px #0ED165; box-shadow:4px 4px 4px  
4px #0ED165 }
```

Background

The CSS property to change the background color of an element to Hex 0ED165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0ED165 }
```

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

```
.background{ background-color:#0ED165 }
```

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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