

# Converting Colors

Hex(0DC630)

Have a look what the booklet for  
Hex(0DC630) contains.

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**Color**

**Hex(0DC630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DC630
RGB	13, 198, 48
RGB Percent	5%, 78%, 19%
CMY	0.9490, 0.2235, 0.8118
CMYK	0.93, 0.00, 0.76, 0.22
HSL	131°, 88%, 41%
HSV	131°, 93%, 78%
XYZ	20.8936, 40.6871, 9.5485
YIQ	125.5850, -62.1100, -85.8700

# Conversions

## Conversions Part 2

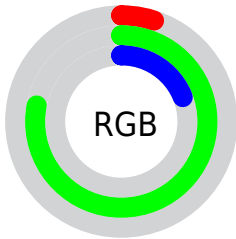
Format	Color
<a href="#">RYB</a>	<a href="#">13, 169, 198</a>
Decimal	<a href="#">902704</a>
CIELab	<a href="#">69.96, -68.74, 59.34</a>
CIElCh	<a href="#">70, 90.813, 139.196</a>
Yxy	<a href="#">40.6871, 0.2937, 0.5720</a>
Android (android.graphics.Color)	<a href="#">4279092784</a> ( <a href="#">0xFF0DC630</a> )
YUV	<a href="#">125.5850, -38.2494, -98.7370</a>
Hunter-Lab	<a href="#">63.7865, -53.1578, 35.7751</a>

# Details

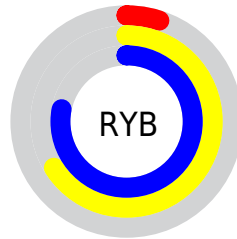
The Hex color **0DC630** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C60DA3**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **69FF68**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **00C625**, and if you desaturate by 10%, it is **21C640**.

# Distribution



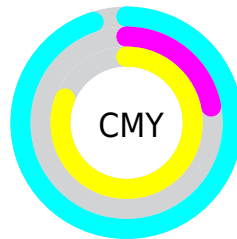
- Red (5%)
- Green (78%)
- Blue (19%)



- Red (5%)
- Yellow (66%)
- Blue (78%)



- Cyan (93%)
- Magenta (0%)
- Yellow (76%)
- Black (22%)



- Cyan (95%)
- Magenta (22%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DC630 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 0DC630 by changing the saturation by 10% instead.



 0DC630

 0DC630

FFFFFF

 00AA0A

 69FF68

 008E00

 89FF84

 007400

 A8FFA0

 005900

 C7FFBC

 004000

 E6FFD9

 002800

 FFFFF6

 000000

 0DC630

 0DC630

 00C625

 21C640

 35C650

 48C660

 5CC670

 70C680

 84C690

 98C6A0

 ABC6B0

 BFC6C0

# Harmonies

## Analogous

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



9CB700



0DC630



00CD89

# Triad

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



0DC630



00BEFF



FF4C7A

# Complementary

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



0DC630



C60DA3

# 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.



FF4CCC



0DC630



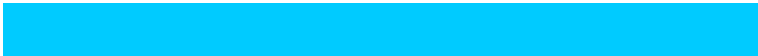
53A2FF

# Square

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



0DC630



00CBFF



EE78FF



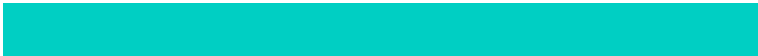
FF762A

# Rectangle

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



0DC630



00CFC3



EE78FF



FF4595

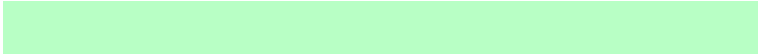


# Sweetspot

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



0DC630



B8FFC5



A4C60D



54805C



000000



808080



# Same Dimension

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



0DC630



00FF30



0DC68B



5A635B



00A31F



002407



# Inverse Universe

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



C60DA3



FF00CF



C60D48



635A62



A30084

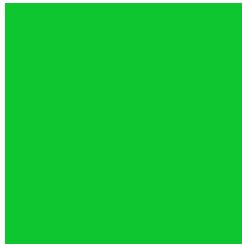


24001D



# Previews

## White Background



This preview shows how the Hex color 0DC630 looks on a white background.

## Color Contrast Check

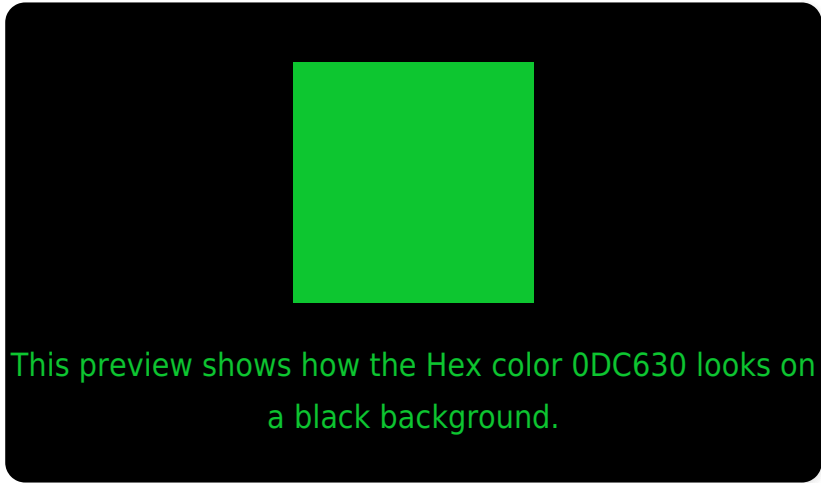
Large Text (above 18pt) WCAG AA × Fail

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 0DC630 Background



This preview shows how black text looks on a background with the Hex color 0DC630.



This preview shows how white text looks on a background with the Hex color 0DC630.

# 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](#).

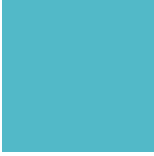
## Dichromacy



**Original Color**  
0DC630

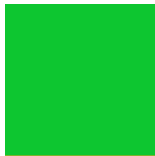
**Protanopia**  
BEAA29

**Deuteranopia**  
D3A13F



**Tritanopia**  
52B9C8

# Trichromacy



**Original Color**  
0DC630



**Protanomaly**  
7EB42C



**Deuteranomaly**  
8BAE3A



**Tritanomaly**  
39BE91

# Monochromacy



**Original Color**  
0DC630



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
559862

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DC630 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 #0DC630 looks like.

```
.text, #text, p{  
    color:#0DC630  
}
```

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 #0DC630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DC630
}
```

## Border

The CSS property to change the border of an element to Hex 0DC630 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
#0DC630 }
```

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

```
.border{ border-color:#0DC630 }
```

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

Here you see how a box with a 4 pixel #0DC630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DC630; -webkit-box-shadow:4px 4px  
4px 4px #0DC630; box-shadow:4px 4px 4px  
4px #0DC630 }
```

# Background

The CSS property to change the background color of an element to Hex 0DC630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DC630 }
```

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

```
.background{ background-color:#0DC630 }
```

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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