

Converting Colors

Hex(0DC454)

Have a look what the booklet for
Hex(0DC454) contains.

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Color

Hex(0DC454)

Conversions

Conversions Part 1

Format	Color
Hex	0DC454
RGB	13, 196, 84
RGB Percent	5%, 77%, 33%
CMY	0.9490, 0.2314, 0.6706
CMYK	0.93, 0.00, 0.57, 0.23
HSL	143°, 88%, 41%
HSV	143°, 93%, 77%
XYZ	21.5061, 40.2055, 15.0145
YIQ	128.5150, -73.1160, -73.6280

Conversions

Conversions Part 2

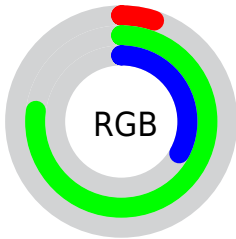
Format	Color
RYB	13, 145, 196
Decimal	902228
CIELab	69.62, -64.35, 44.29
CIELCh	70, 78.119, 145.465
Yxy	40.2055, 0.2803, 0.5240
Android (android.graphics.Color)	4279092308 (0xFF0DC454)
YUV	128.5150, -21.9459, -101.3067
Hunter-Lab	63.4078, -50.4215, 30.3461

Details

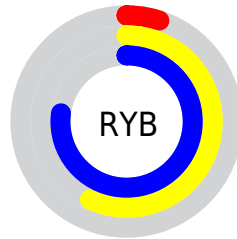
The Hex color **0DC454** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C40D7D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **66FE88**, and **008D20** is the 20% darker color. If you saturate the color by 10%, you get **00C44C**, and if you desaturate by 10%, it is **21C460**.

Distribution



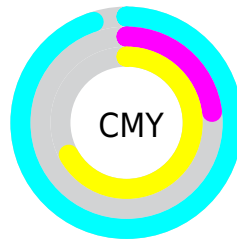
- Red (5%)
- Green (77%)
- Blue (33%)



- Red (5%)
- Yellow (57%)
- Blue (77%)



- Cyan (93%)
- Magenta (0%)
- Yellow (57%)
- Black (23%)



- Cyan (95%)
- Magenta (23%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DC454 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 0DC454 by changing the saturation by 10% instead.

 0DC454

 0DC454

FFFFFF

 00A83A

 66FE88

 008D20

 86FFA4

 007200

 A5FFBF

 005800

 C4FFDC

 003F00

 E2FFF9

 002700

 000000

 0DC454

 0DC454

 00C44C

 21C460

 34C46C

 48C478

 5BC484

 6FC490

 83C49C

 96C4A8

 AAC4B4

 BDC4C0

Harmonies

Analogous

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



90B800



0DC454



00CA9D

Triad

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



0DC454



00B6FF



FF6772

Complementary

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



0DC454



C40D7D

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.



FF60B8



0DC454



929CFF

Square

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



0DC454



00C5FF



F47AFC



FF8631

Rectangle

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



0DC454



00CBCE



F47AFC



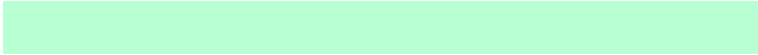
FF6189

Sweetspot

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



0DC454



B8FFD3



7EC40D



548065



000000



808080

Same Dimension

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



0DC454



00FF63



0DC4AF



57615B



00A13E



00210D

Inverse Universe

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



C40D7D



FF009C



C40D22



61575D



A10062



210014

Previews

White Background



This preview shows how the Hex color 0DC454 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 0DC454 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 0DC454 Background



This preview shows how black text looks on a background with the Hex color 0DC454.

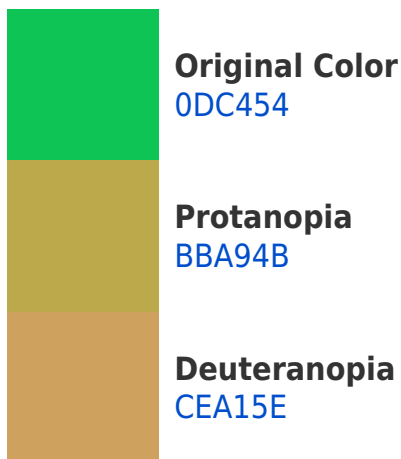


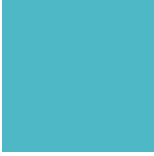
This preview shows how white text looks on a background with the Hex color 0DC454.

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
4EB8C7

Trichromacy



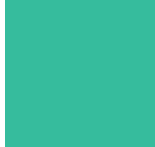
Original Color
0DC454



Protanomaly
7CB34E



Deuteranomaly
88AE5A



Tritanomaly
36BC9D

Monochromacy



Original Color
0DC454



Achromatopsia
818181



Achromatomaly
579971

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DC454 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 #0DC454 looks like.

```
.text, #text, p{  
    color:#0DC454  
}
```

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 #0DC454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DC454
}
```

Border

The CSS property to change the border of an element to Hex 0DC454 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
#0DC454 }
```

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

```
.border{ border-color:#0DC454 }
```

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

Here you see how a box with a 4 pixel #0DC454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DC454; -webkit-box-shadow:4px 4px  
4px 4px #0DC454; box-shadow:4px 4px 4px  
4px #0DC454 }
```

Background

The CSS property to change the background color of an element to Hex 0DC454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DC454 }
```

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

```
.background{ background-color:#0DC454 }
```

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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