

Converting Colors

Hex(0DC427)

Have a look what the booklet for
Hex(0DC427) contains.

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Color

Hex(0DC427)

Conversions

Conversions Part 1

Format	Color
Hex	0DC427
RGB	13, 196, 39
RGB Percent	5%, 77%, 15%
CMY	0.9490, 0.2314, 0.8471
CMYK	0.93, 0.00, 0.80, 0.23
HSL	129°, 88%, 41%
HSV	129°, 93%, 77%
XYZ	20.2721, 39.7119, 8.5162
YIQ	123.3850, -58.6710, -87.6230

Conversions

Conversions Part 2

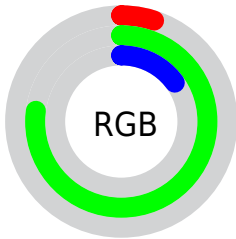
Format	Color
RYB	13, 173, 196
Decimal	902183
CIELab	69.26, -68.78, 61.48
CIELCh	69, 92.248, 138.209
Yxy	39.7119, 0.2959, 0.5797
Android (android.graphics.Color)	4279092263 (0xFF0DC427)
YUV	123.3850, -41.6018, -96.8076
Hunter-Lab	63.0174, -52.8586, 36.0997

Details

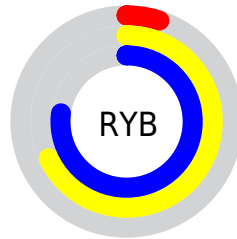
The Hex color **0DC427** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C40DAA**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **68FE61**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **00C41C**, and if you desaturate by 10%, it is **21C438**.

Distribution



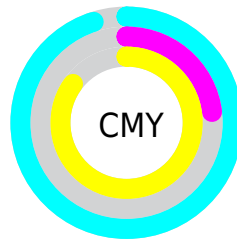
- Red (5%)
- Green (77%)
- Blue (15%)



- Red (5%)
- Yellow (68%)
- Blue (77%)



- Cyan (93%)
- Magenta (0%)
- Yellow (80%)
- Black (23%)



- Cyan (95%)
- Magenta (23%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DC427 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 0DC427 by changing the saturation by 10% instead.

 0DC427

 0DC427

FFFFFF

 00A800

 68FE61

 008C00

 89FF7D

 007200

 A8FF99

 005800

 C7FFB5

 003F00

 E6FFD2

 002600

 FFFFEF

 000000

 0DC427

 0DC427

 00C41C

 21C438

 34C449

 48C459

 5BC46A

 6FC47B

 83C48C

 96C49D

 AAC4AE

 BDC4BE

Harmonies

Analogous

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



9CB500



0DC427



00CB84

Triad

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



0DC427



00BDFE



FF457B

Complementary

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



0DC427



C40DAA

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.



FF47CE



0DC427



3DA2FF

Square

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



0DC427



00CAFF



EA77FF



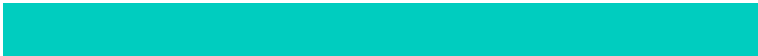
FF7128

Rectangle

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



0DC427



00CDBF



EA77FF



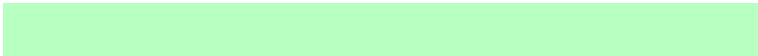
FF3D96

Sweetspot

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



0DC427



B8FFC2



ACC40D



54805A



000000



808080

Same Dimension

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



0DC427



00FF24



0DC481



576159



00A117



002105

Inverse Universe

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



C40DAA



FF00DB



C40D50



615760



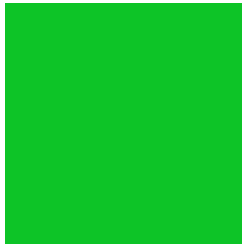
A1008A



21001C

Previews

White Background



This preview shows how the Hex color 0DC427 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 0DC427 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 0DC427 Background



This preview shows how black text looks on a background with the Hex color 0DC427.

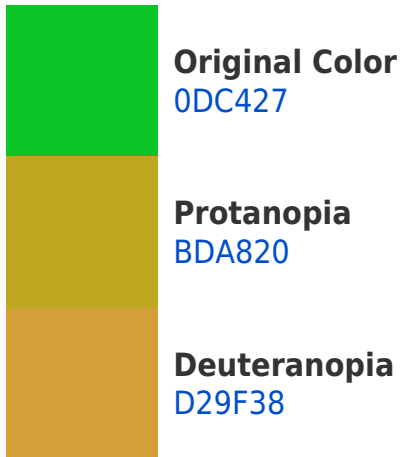


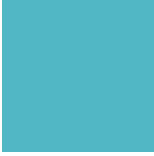
This preview shows how white text looks on a background with the Hex color 0DC427.

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](#).

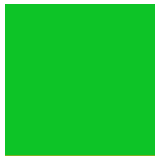
Dichromacy





Tritanopia
52B7C5

Trichromacy



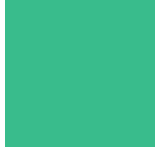
Original Color
0DC427



Protanomaly
7DB223



Deuteranomaly
8AAC32



Tritanomaly
39BC8C

Monochromacy



Original Color
0DC427



Achromatopsia
7B7B7B



Achromatomaly
53965C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DC427 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 #0DC427 looks like.

```
.text, #text, p{  
    color:#0DC427  
}
```

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 #0DC427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DC427
}
```

Border

The CSS property to change the border of an element to Hex 0DC427 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
#0DC427 }
```

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

```
.border{ border-color:#0DC427 }
```

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

Here you see how a box with a 4 pixel #0DC427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DC427; -webkit-box-shadow:4px 4px  
4px 4px #0DC427; box-shadow:4px 4px 4px  
4px #0DC427 }
```

Background

The CSS property to change the background color of an element to Hex 0DC427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DC427 }
```

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

```
.background{ background-color:#0DC427 }
```

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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