

Converting Colors

Hex(0DCB28)

Have a look what the booklet for
Hex(0DCB28) contains.

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Color

Hex(0DCB28)

Conversions

Conversions Part 1

Format	Color
Hex	0DCB28
RGB	13, 203, 40
RGB Percent	5%, 80%, 16%
CMY	0.9490, 0.2039, 0.8431
CMYK	0.94, 0.00, 0.80, 0.20
HSL	129°, 88%, 42%
HSV	129°, 94%, 80%
XYZ	21.9049, 42.9506, 9.1433
YIQ	127.6080, -60.9170, -90.9730

Conversions

Conversions Part 2

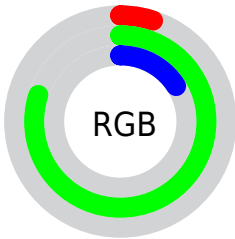
Format	Color
RYB	13, 179, 203
Decimal	903976
CIELab	71.52, -70.70, 63.32
CIELCh	72, 94.905, 138.151
Yxy	42.9506, 0.2960, 0.5804
Android (android.graphics.Color)	4279094056 (0xFF0DCB28)
YUV	127.6080, -43.1907, -100.5112
Hunter-Lab	65.5367, -55.0277, 37.6039

Details

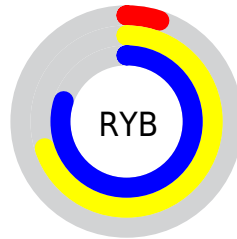
The Hex color **0DCB28** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CB0DB0**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6AFF63**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **00CB1D**, and if you desaturate by 10%, it is **21CB39**.

Distribution



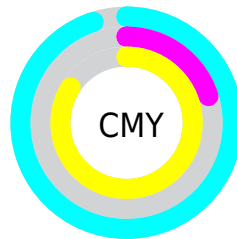
- Red (5%)
- Green (80%)
- Blue (16%)



- Red (5%)
- Yellow (70%)
- Blue (80%)



- Cyan (94%)
- Magenta (0%)
- Yellow (80%)
- Black (20%)



- Cyan (95%)
- Magenta (20%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DCB28 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 0DCB28 by changing the saturation by 10% instead.

 0DCB28

 0DCB28

FFFFFF

 00AF00

 6AFF63

 009300

 8BFF7F

 007800

 ABFF9B

 005E00

 CAFFB7

 004400

 E9FFD4

 002C00

 FFFFF2

 000A00

 000000

 0DCB28

 0DCB28

 00CB1D

 21CB39

 36CB4B

 4ACB5C

 5ECB6E

 73CB7F

 87CB90

 9BCBA2

 AFCBB3

 C4CBC5

Harmonies

Analogous

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



A2BB00



0DCB28



00D389

Triad

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



0DCB28



00C4FF



FF477F

Complementary

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



0DCB28



CB0DB0

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.



FF4AD5



0DCB28



3EA7FF

Square

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



0DCB28



00D1FF



F27BFF



FF752A

Rectangle

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



0DCB28



00D5C5



F27BFF



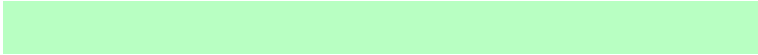
FF3F9C

Sweetspot

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



0DCB28



B8FFC2



B2CB0D



54805A



000000



808080

Same Dimension

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



0DCB28



00FF24



0DCB85



5C665D



00A618



002605

Inverse Universe

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



CB0DB0



FF00DB



CB0D53



665C65



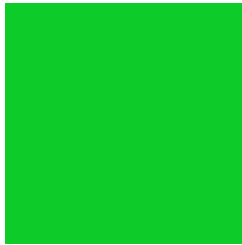
A6008E



260021

Previews

White Background



This preview shows how the Hex color 0DCB28 looks on a white background.

Color Contrast Check

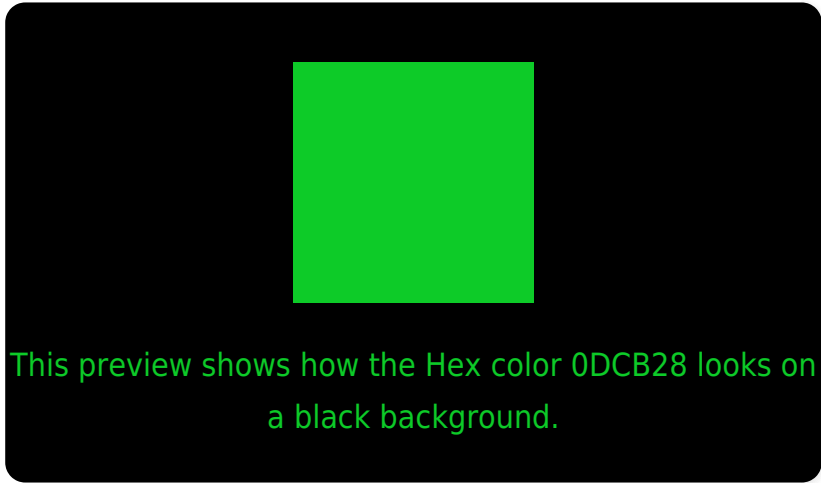
Large Text (above 18pt) WCAG AA × Fail

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 0DCB28 Background



This preview shows how black text looks on a background with the Hex color 0DCB28.

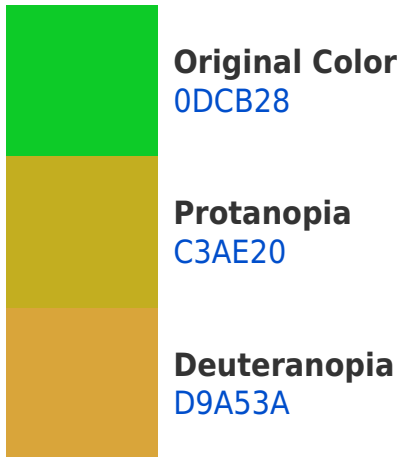


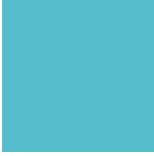
This preview shows how white text looks on a background with the Hex color 0DCB28.

Color Blindness Simulation

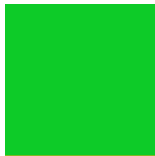
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
0DCB28



Protanomaly
81B923



Deuteranomaly
8FB333



Tritanomaly
3BC290

Monochromacy



Original Color
0DCB28



Achromatopsia
808080



Achromatomaly
569B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DCB28 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 #0DCB28 looks like.

```
.text, #text, p{  
    color:#0DCB28  
}
```

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 #0DCB28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DCB28
}
```

Border

The CSS property to change the border of an element to Hex 0DCB28 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
#0DCB28 }
```

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

```
.border{ border-color:#0DCB28 }
```

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

Here you see how a box with a 4 pixel #0DCB28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DCB28; -webkit-box-shadow:4px 4px  
4px 4px #0DCB28; box-shadow:4px 4px 4px  
4px #0DCB28 }
```

Background

The CSS property to change the background color of an element to Hex 0DCB28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DCB28 }
```

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

```
.background{ background-color:#0DCB28 }
```

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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