

Converting Colors

Hex(0DE108)

Have a look what the booklet for
Hex(0DE108) contains.

Hex(0DE108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0DE108)

Conversions

Conversions Part 1

Format	Color
Hex	0DE108
RGB	13, 225, 8
RGB Percent	5%, 88%, 3%
CMY	0.9490, 0.1176, 0.9686
CMYK	0.94, 0.00, 0.96, 0.12
HSL	119°, 93%, 46%
HSV	119°, 96%, 88%
XYZ	27.1350, 53.9535, 9.2136
YIQ	136.8740, -56.6950, -112.4310

Conversions

Conversions Part 2

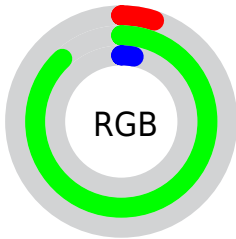
Format	Color
RYB	8, 225, 220
Decimal	909576
CIELab	78.43, -77.81, 75.01
CIELCh	78, 108.084, 136.050
Yxy	53.9535, 0.3005, 0.5975
Android (android.graphics.Color)	4279099656 (0xFF0DE108)
YUV	136.8740, -63.5349, -108.6375
Hunter-Lab	73.4531, -62.6014, 43.9801

Details

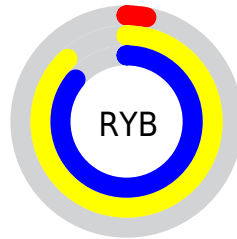
The Hex color **0DE108** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DC08E1**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **72FF58**, and **00A800** is the 20% darker color. If you saturate the color by 10%, you get **05E100**, and if you desaturate by 10%, it is **23E11E**.

Distribution



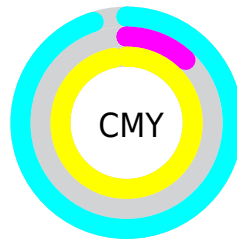
- Red (5%)
- Green (88%)
- Blue (3%)



- Red (3%)
- Yellow (88%)
- Blue (86%)



- Cyan (94%)
- Magenta (0%)
- Yellow (96%)
- Black (12%)



- Cyan (95%)
- Magenta (12%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DE108 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 0DE108 by changing the saturation by 10% instead.

 0DE108

 0DE108

FFFFFF

 00C400

 72FF58

 00A800

 93FF76

 008C00

 B4FF93

 007100

 D4FFB0

 005700

 F4FFCD

 003E00

 FFFFEB

 002400

 000000

 0DE108

 0DE108

■ 05E100

■ 23E11E

■ 39E135

■ 4FE14C

■ 65E162

■ 7BE179

■ 91E18F

■ A7E1A5

■ BDE1BC

■ D3E1D3

Harmonies

Analogous

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



B8CE00



0DE108



00EA8E

Triad

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



0DE108



00DCFF



FF3A91

Complementary

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



0DE108



DC08E1

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.



FF46F5



0DE108



00BCFF

Square

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



0DE108



00EAFF



FF89FF



FF792D

Rectangle

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



0DE108



00EED5



FF89FF



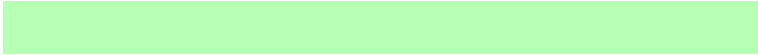
FF2FB2

Sweetspot

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



0DE108



B7FFB5



E1DA08



548053



000000



808080

Same Dimension

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



0DE108



06FF00



08E16D



657065



04B000



013000

Inverse Universe

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



DC08E1



F900FF



E1087C



706570



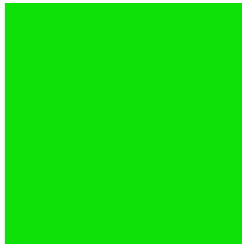
AC00B0



2F0030

Previews

White Background



This preview shows how the Hex color 0DE108 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 0DE108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

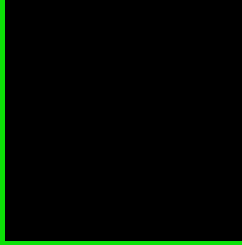
Any Text WCAG AA ✓ Pass

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 0DE108 Background



This preview shows how black text looks on a background with the Hex color 0DE108.



This preview shows how white text looks on a background with the Hex color 0DE108.

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](#).

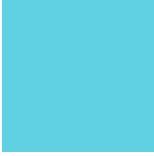
Dichromacy



Original Color
0DE108

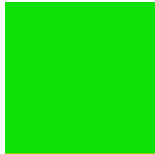
Protanopia
D9C100

Deuteranopia
F2B631



Tritanopia
5FD1E2

Trichromacy



Original Color
0DE108



Protanomaly
8FCD03

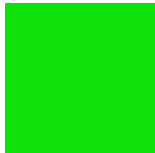


Deuteranomaly
9FC622



Tritanomaly
41D793

Monochromacy



Original Color
0DE108



Achromatopsia
898989



Achromatomaly
5CA95A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DE108 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 #0DE108 looks like.

```
.text, #text, p{  
    color:#0DE108  
}
```

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 #0DE108 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DE108
}
```

Border

The CSS property to change the border of an element to Hex 0DE108 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".

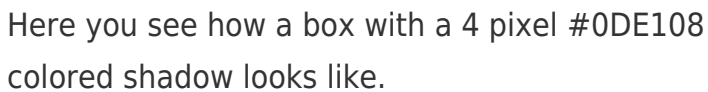
```
.border, #border, table{ border:4px solid
#0DE108 }
```

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

```
.border{ border-color:#0DE108 }
```

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

Here you see how a box with a 4 pixel #0DE108 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DE108; -webkit-box-shadow:4px 4px  
4px 4px #0DE108; box-shadow:4px 4px 4px  
4px #0DE108 }
```

Background

The CSS property to change the background color of an element to Hex 0DE108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DE108 }
```

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

```
.background{ background-color:#0DE108 }
```

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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