

Converting Colors

Hex(0D7107)

Have a look what the booklet for
Hex(0D7107) contains.

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Color

Hex(0D7107)

Conversions

Conversions Part 1

Format	Color
Hex	0D7107
RGB	13, 113, 7
RGB Percent	5%, 44%, 3%
CMY	0.9490, 0.5569, 0.9725
CMYK	0.88, 0.00, 0.94, 0.56
HSL	117°, 88%, 24%
HSV	117°, 94%, 44%
XYZ	6.1095, 11.9112, 2.1781
YIQ	71.0160, -25.5740, -54.1660

Conversions

Conversions Part 2

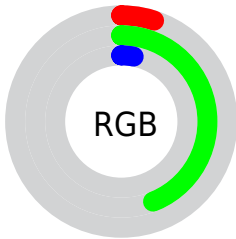
Format	Color
RYB	7, 113, 107
Decimal	880903
CIELab	41.07, -45.72, 44.11
CIELCh	41, 63.533, 136.026
Yxy	11.9112, 0.3025, 0.5897
Android (android.graphics.Color)	4279070983 (0xFF0D7107)
YUV	71.0160, -31.5599, -50.8800
Hunter-Lab	34.5125, -28.7987, 20.4170

Details

The Hex color **0D7107** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6B0771**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **50A640**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **067100**, and if you desaturate by 10%, it is **187112**.

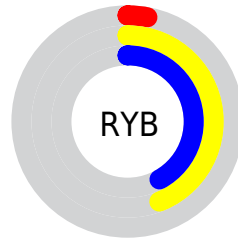
Distribution



Red (5%)

Green (44%)

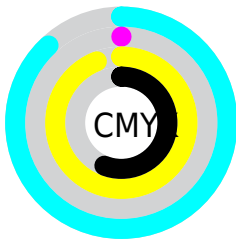
Blue (3%)



Red (3%)

Yellow (44%)

Blue (42%)

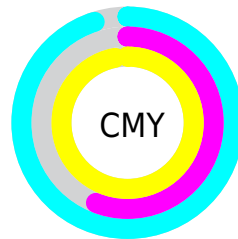


Cyan (88%)

Magenta (0%)

Yellow (94%)

Black (56%)



Cyan (95%)

Magenta (56%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7107 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 0D7107 by changing the saturation by 10% instead.

 0D7107

 0D7107

FFFFFFE

 005800

 50A640

 003F00

 6CC159

 002A00

 88DE73

 000700

 A5FB8E

 000000

 C1FFA9

 DEFFC5

 FCFE1

 0D7107

 0D7107

■ 067100

■ 187112

■ 22711E

■ 2D7129

■ 387134

■ 427140

■ 4D714B

■ 587156

■ 627161

■ 6D716D

Harmonies

Analogous

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



5C6700



0D7107



007646

Triad

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



0D7107



006EC7



BB1E48

Complementary

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



0D7107



6B0771

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.



B0237B



0D7107



005EC6

Square

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



0D7107



0076AB



8443AA



AB3B14

Rectangle

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



0D7107



00776A



8443AA



BA1959

Sweetspot

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



0D7107



6D946A



716A07



324A31



C9C9C9



4A4A4A

Same Dimension

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



0D7107



089400



077135



333832



077800



0EF700

Inverse Universe

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



6B0771



8C0094



710743



383238



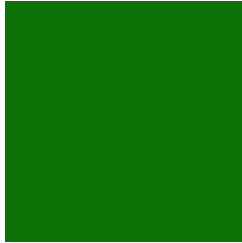
710078



E900F7

Previews

White Background



This preview shows how the Hex color 0D7107 looks on a white background.

Color Contrast Check

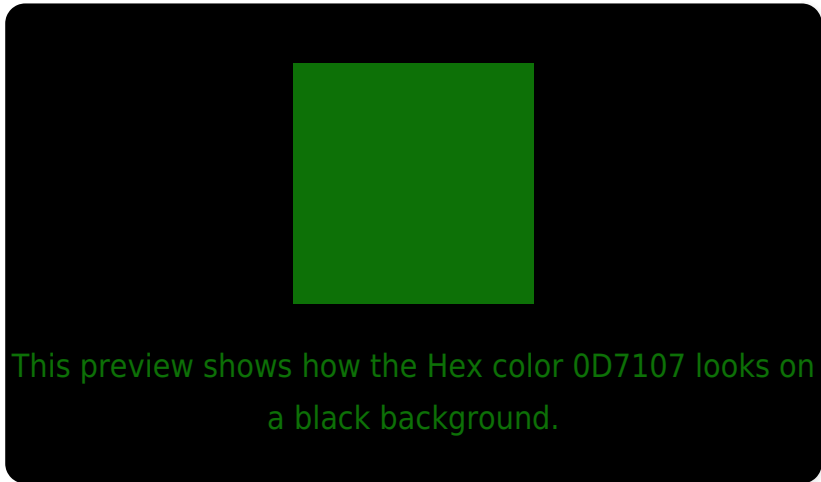
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

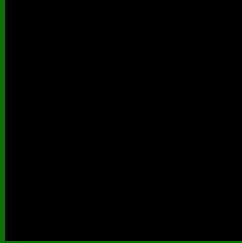
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0D7107 Background



This preview shows how black text looks on a background with the Hex color 0D7107.



This preview shows how white text looks on a background with the Hex color 0D7107.

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
0D7107

Protanopia
6D6100

Deuteranopia
795C19



Tritanopia
316972

Trichromacy



Original Color
0D7107



Protanomaly
4A6703



Deuteranomaly
526412

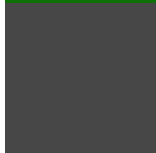


Tritanomaly
246C4B

Monochromacy



Original Color
0D7107



Achromatopsia
474747



Achromatomaly
325630

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7107 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 #0D7107 looks like.

```
.text, #text, p{  
    color:#0D7107  
}
```

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 #0D7107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7107
}
```

Border

The CSS property to change the border of an element to Hex 0D7107 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
#0D7107 }
```

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

```
.border{ border-color:#0D7107 }
```

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

Here you see how a box with a 4 pixel #0D7107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7107; -webkit-box-shadow:4px 4px  
4px 4px #0D7107; box-shadow:4px 4px 4px  
4px #0D7107 }
```

Background

The CSS property to change the background color of an element to Hex 0D7107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7107 }
```

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

```
.background{ background-color:#0D7107 }
```

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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