

Converting Colors

Hex(0D1200)

Have a look what the booklet for
Hex(0D1200) contains.

Hex(0D1200)	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>	28

Color

Hex(0D1200)

Conversions

Conversions Part 1

Format	Color
Hex	0D1200
RGB	13, 18, 0
RGB Percent	5%, 7%, 0%
CMY	0.9490, 0.9294, 1.0000
CMYK	0.28, 0.00, 1.00, 0.93
HSL	77°, 100%, 4%
HSV	77°, 100%, 7%
XYZ	0.3823, 0.5182, 0.0799
YIQ	14.4530, 2.7980, -6.6580

Conversions

Conversions Part 2

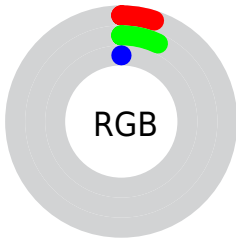
Format	Color
RYB	0, 18, 5
Decimal	856576
CIELab	4.68, -4.52, 6.93
CIELCh	5, 8.269, 123.096
Yxy	0.5182, 0.3900, 0.5286
Android (android.graphics.Color)	4279046656 (0xFF0D1200)
YUV	14.4530, -7.1253, -1.2743
Hunter-Lab	7.1985, -3.1178, 4.3811

Details

The Hex color **0D1200** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **050012**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **383C30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D1200**, and if you desaturate by 10%, it is **0E1202**.

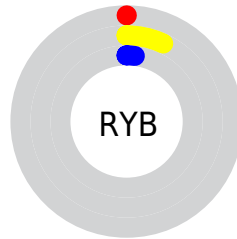
Distribution



Red (5%)

Green (7%)

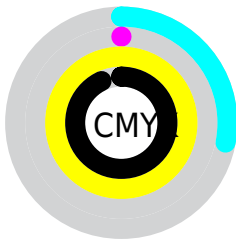
Blue (0%)



Red (0%)

Yellow (7%)

Blue (2%)

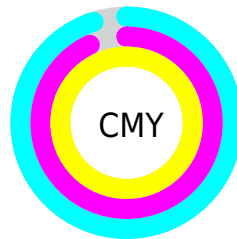


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (93%)



Cyan (95%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D1200 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 0D1200 by changing the saturation by 10% instead.

 0D1200

 0D1200

 EDF2E2

 000000

 383C30

 4F5346

 676C5E

 808577

 9A9F90

 B5BAAB

 D0D6C6

 0D1200

■ 0E1202

■ 0E1204

■ 0F1205

■ 0F1207

■ 101209

■ 10120B

■ 11120D

■ 11120E

■ 111210

Harmonies

Analogous

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



151000



0D1200



021408

Triad

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



0D1200



00131A



1C0B0F

Complementary

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



0D1200



050012

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.



190C16



0D1200



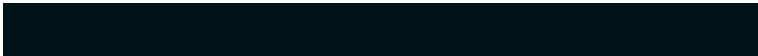
09101C

Square

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



0D1200



001417



130E1A



1D0B06

Rectangle

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



0D1200



00140E



130E1A



1C0B12

Sweetspot

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



0D1200



151710



120500



0B0D08



8C8C8C



0D0D0D

Same Dimension

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



0D1200



111700



041200



0A0A09



354A00



91C900

Inverse Universe

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



050012



060017



0E0012



09090A



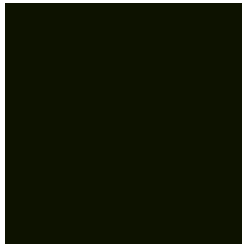
15004A



3800C9

Previews

White Background



This preview shows how the Hex color 0D1200 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

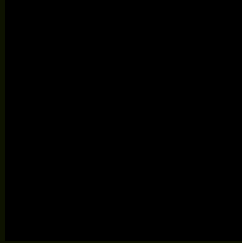
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0D1200 Background



This preview shows how black text looks on a background with the Hex color 0D1200.

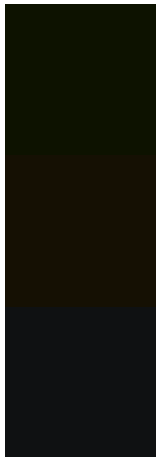


This preview shows how white text looks on a background with the Hex color 0D1200.

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

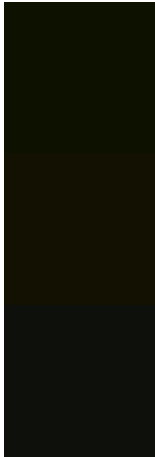


Original Color
0D1200

Deuteranopia
151003

Tritanopia
0F1112

Trichromacy

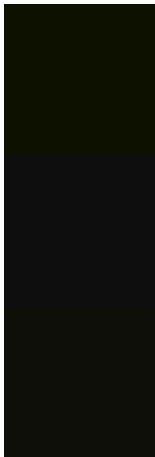


Original Color
OD1200

Deuteranomaly
121102

Tritanomaly
0E110B

Monochromacy



Original Color
OD1200

Achromatopsia
0E0E0E

Achromatomaly
0E0F09

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D1200 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 #0D1200 looks like.

```
.text, #text, p{  
    color:#0D1200  
}
```

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 #0D1200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1200
}
```

Border

The CSS property to change the border of an element to Hex 0D1200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

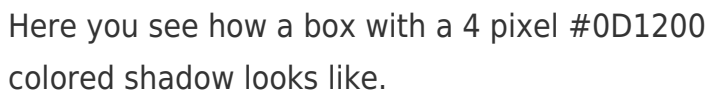
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D1200 }
```

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

```
.border{ border-color:#0D1200 }
```

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



Here you see how a box with a 4 pixel #0D1200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1200; -webkit-box-shadow:4px 4px  
4px 4px #0D1200; box-shadow:4px 4px 4px  
4px #0D1200 }
```

Background

The CSS property to change the background color of an element to Hex 0D1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1200 }
```

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

```
.background{ background-color:#0D1200 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor