

Converting Colors

Hex(0D1300)

Have a look what the booklet for
Hex(0D1300) contains.

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Color

Hex(0D1300)

Conversions

Conversions Part 1

Format	Color
Hex	0D1300
RGB	13, 19, 0
RGB Percent	5%, 7%, 0%
CMY	0.9490, 0.9255, 1.0000
CMYK	0.32, 0.00, 1.00, 0.93
HSL	79°, 100%, 4%
HSV	79°, 100%, 7%
XYZ	0.3989, 0.5513, 0.0854
YIQ	15.0400, 2.5230, -7.1810

Conversions

Conversions Part 2

Format	Color
RYB	0, 19, 6
Decimal	856832
CIELab	4.98, -5.13, 7.36
CIELCh	5, 8.973, 124.843
Yxy	0.5513, 0.3852, 0.5324
Android (android.graphics.Color)	4279046912 (0xFF0D1300)
YUV	15.0400, -7.4147, -1.7891
Hunter-Lab	7.4250, -3.4053, 4.5157

Details

The Hex color **0D1300** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **060013**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **383D30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D1300**, and if you desaturate by 10%, it is **0E1302**.

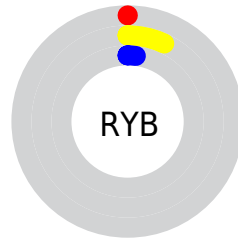
Distribution



Red (5%)

Green (7%)

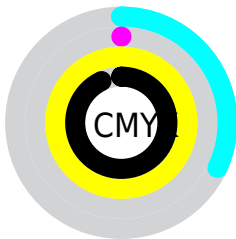
Blue (0%)



Red (0%)

Yellow (7%)

Blue (2%)

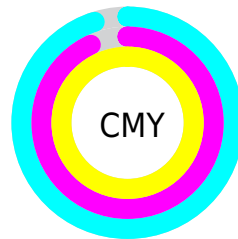


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (93%)



Cyan (95%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D1300 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 0D1300 by changing the saturation by 10% instead.

 0D1300

 0D1300

 ECF3E2

 000000

 383D30

 4F5446

 676D5E

 808677

 9AA090

 B5BBAB

 D0D7C6

 0D1300

■ 0E1302

■ 0E1304

■ 0F1306

■ 0F1308

■ 10130A

■ 11130B

■ 11130D

■ 12130F

■ 121311

Harmonies

Analogous

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



161100



0D1300



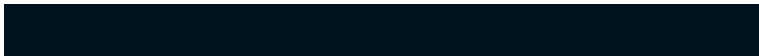
011509

Triad

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



0D1300



00131C



1E0B10

Complementary

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



0D1300



060013

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.



1A0C17



0D1300



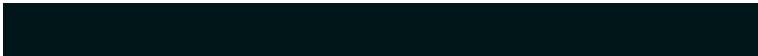
09111D

Square

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



0D1300



001518



140E1B



1E0C06

Rectangle

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



0D1300



00150F



140E1B



1D0B12

Sweetspot

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



0D1300



171A12



130600



0B0D08



8C8C8C



0D0D0D

Same Dimension

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



0D1300



111A00



041300



0A0A09



334A00



8AC900

Inverse Universe

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



060013



08001A



0F0013



0A090A



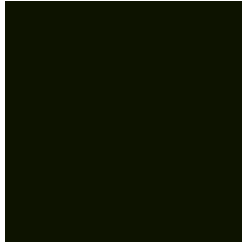
17004A



4000C9

Previews

White Background



This preview shows how the Hex color 0D1300 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

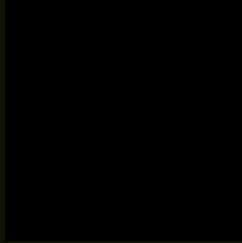
Any Text WCAG AA × Fail

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 0D1300 Background



This preview shows how black text looks on a background with the Hex color 0D1300.

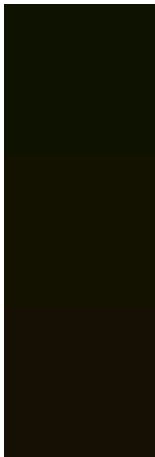


This preview shows how white text looks on a background with the Hex color 0D1300.

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](#).

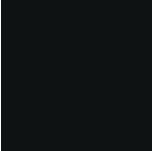
Dichromacy



Original Color
0D1300

Protanopia
131100

Deuteranopia
161004



Tritanopia
0F1213

Trichromacy



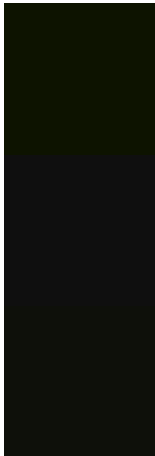
Original Color
0D1300

Protanomaly
111200

Deuteranomaly
131103

Tritanomaly
0E120C

Monochromacy



Original Color
0D1300

Achromatopsia
0F0F0F

Achromatomaly
0E100A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D1300 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 #0D1300 looks like.

```
.text, #text, p{  
    color:#0D1300  
}
```

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 #0D1300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1300
}
```

Border

The CSS property to change the border of an element to Hex 0D1300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

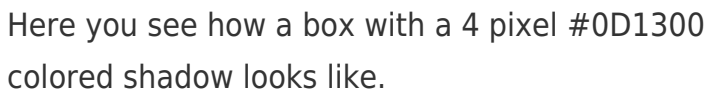
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D1300 }
```

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

```
.border{ border-color:#0D1300 }
```

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



Here you see how a box with a 4 pixel #0D1300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1300; -webkit-box-shadow:4px 4px  
4px 4px #0D1300; box-shadow:4px 4px 4px  
4px #0D1300 }
```

Background

The CSS property to change the background color of an element to Hex 0D1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1300 }
```

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

```
.background{ background-color:#0D1300 }
```

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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