

Converting Colors

Hex(0D1211)

Have a look what the booklet for
Hex(0D1211) contains.

Hex(0D1211)	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(0D1211)

Conversions

Conversions Part 1

Format	Color
Hex	0D1211
RGB	13, 18, 17
RGB Percent	5%, 7%, 7%
CMY	0.9490, 0.9294, 0.9333
CMYK	0.28, 0.00, 0.06, 0.93
HSL	168°, 16%, 6%
HSV	168°, 28%, 7%
XYZ	0.4835, 0.5586, 0.6127
YIQ	16.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

Format	Color
RYB	13, 16, 18
Decimal	856593
CIELab	5.05, -1.95, -0.06
CIElCh	5, 1.947, 181.847
Yxy	0.5586, 0.2922, 0.3376
Android (android.graphics.Color)	4279046673 (0xFF0D1211)
YUV	16.3910, 0.3002, -2.9739
Hunter-Lab	7.4743, -1.5340, 0.3720

Details

The Hex color **0D1211** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **120D0E**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **383C3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B1211**, and if you desaturate by 10%, it is **0F1211**.

Distribution



Red (5%)

Green (7%)

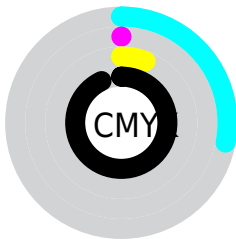
Blue (7%)



Red (5%)

Yellow (6%)

Blue (7%)



Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (93%)



Cyan (95%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D1211 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 0D1211 by changing the saturation by 10% instead.

■ 0D1211

■ 0D1211

■ EDF2F1

■ 000000

■ 383C3B

■ 4F5352

■ 676C6B

■ 808584

■ 9A9F9E

■ B5BAB9

■ D0D6D4

■ 0D1211

■ 0D1211

■ 0B1211

■ 0F1211

■ 091210

■ 111212

■ 081210

■ 121212

■ 061210

■ 141212

■ 04120F

■ 161213

■ 02120F

■ 181213

■ 00120E

■ 1A1214

■ 1B1214

■ 1D1214

Harmonies

Analogous

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



0E120F



0D1211



0D1213

Triad

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



0D1211



111114



14100E

Complementary

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



0D1211



120D0E

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.



15100F



0D1211



131013

Square

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



0D1211



0F1114



141011



12110D

Rectangle

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



0D1211



0D1213



141011



14100E

Sweetspot

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



0D1211



151717



0E120D



0B0D0C



8C8C8C



0D0D0D

Same Dimension

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



0D1211



0F1715



0D1012



090A0A



004A3B



00C9A1

Inverse Universe

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



120D0E



170F11



120F0D



0A0909



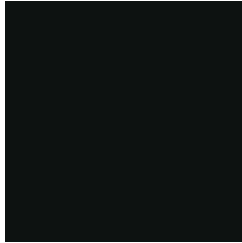
4A000F



C90028

Previews

White Background



This preview shows how the Hex color 0D1211 looks on a white background.

Color Contrast Check

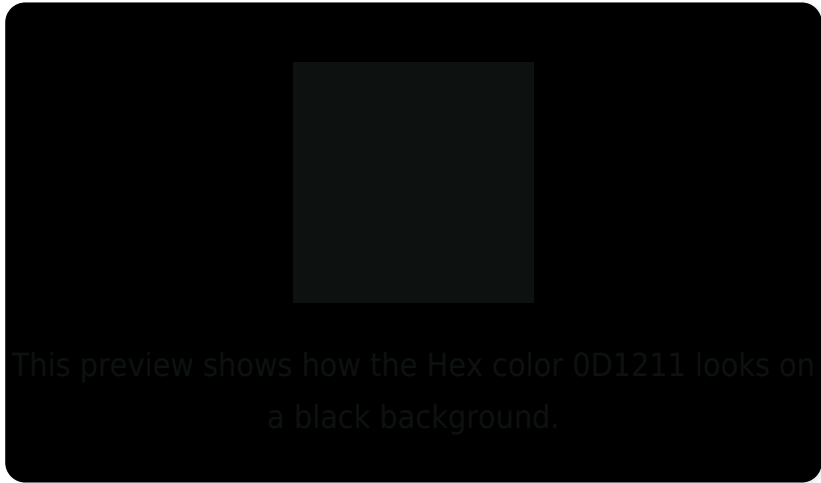
Large Text (above 18pt) WCAG AA ✓ Pass

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

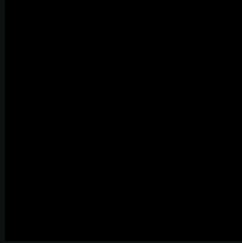
Any Text WCAG AA × Fail

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 0D1211 Background



This preview shows how black text looks on a background with the Hex color 0D1211.

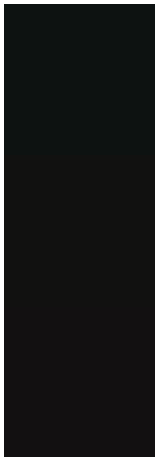


This preview shows how white text looks on a background with the Hex color 0D1211.

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
0D1211

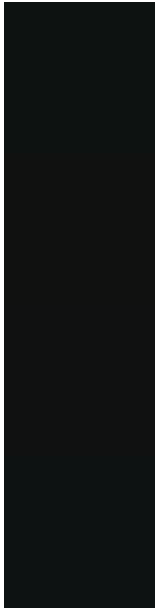
Protanopia
111110

Deuteranopia
121011



Tritanopia
0D1213

Trichromacy



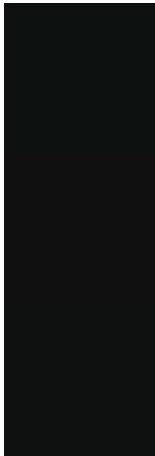
Original Color
OD1211

Protanomaly
101110

Deuteranomaly
101111

Tritanomaly
0D1212

Monochromacy



Original Color
OD1211

Achromatopsia
101010

Achromatomaly
0F1110

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D1211 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 #0D1211 looks like.

```
.text, #text, p{  
    color:#0D1211  
}
```

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 #0D1211 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1211
}
```

Border

The CSS property to change the border of an element to Hex 0D1211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

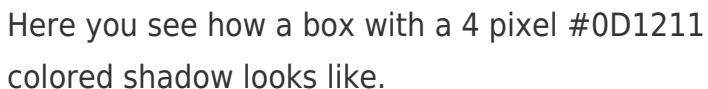
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D1211 }
```

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

```
.border{ border-color:#0D1211 }
```

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



Here you see how a box with a 4 pixel #0D1211 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1211; -webkit-box-shadow:4px 4px  
4px 4px #0D1211; box-shadow:4px 4px 4px  
4px #0D1211 }
```

Background

The CSS property to change the background color of an element to Hex 0D1211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1211 }
```

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

```
.background{ background-color:#0D1211 }
```

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