

Converting Colors

Hex(0C1210)

Have a look what the booklet for
Hex(0C1210) contains.

Hex(0C1210)	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(0C1210)

Conversions

Conversions Part 1

Format	Color
Hex	0C1210
RGB	12, 18, 16
RGB Percent	5%, 7%, 6%
CMY	0.9529, 0.9294, 0.9373
CMYK	0.33, 0.00, 0.11, 0.93
HSL	160°, 20%, 6%
HSV	160°, 33%, 7%
XYZ	0.4615, 0.5482, 0.5717
YIQ	15.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

Format	Color
RYB	12, 16, 18
Decimal	791056
CIELab	4.95, -2.44, 0.36
CIElCh	5, 2.467, 171.606
Yxy	0.5482, 0.2918, 0.3467
Android (android.graphics.Color)	4278981136 (0xFF0C1210)
YUV	15.9780, 0.0108, -3.4887
Hunter-Lab	7.4040, -1.8319, 0.6047

Details

The Hex color **0C1210** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **120C0E**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **373C3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A120F**, and if you desaturate by 10%, it is **0E1211**.

Distribution



Red (5%)

Green (7%)

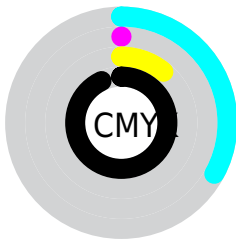
Blue (6%)



Red (5%)

Yellow (6%)

Blue (7%)

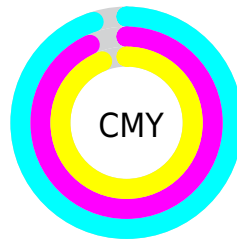


Cyan (33%)

Magenta (0%)

Yellow (11%)

Black (93%)



Cyan (95%)

Magenta (93%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1210 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 0C1210 by changing the saturation by 10% instead.

■ 0C1210

■ 0C1210

■ ECF2F0

■ 000000

■ 373C3B

■ 4E5352

■ 666C6A

■ 7F8583

■ 999F9D

■ B4BAB8

■ D0D6D3

■ 0C1210

■ 0C1210

■ 0A120F

■ 0E1211

■ 08120F

■ 101211

■ 07120E

■ 111212

■ 05120E

■ 131212

■ 03120D

■ 151213

■ 01120C

■ 171214

■ 00120C

■ 191214

■ 1A1215

■ 1C1215

Harmonies

Analogous

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



0E120E



0C1210



0B1212

Triad

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



0C1210



111014



15100D

Complementary

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



0C1210



120C0E

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.



150F0F



0C1210



131013

Square

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



0C1210



0E1115



150F11



13100C

Rectangle

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



0C1210



0B1213



150F11



15100E

Sweetspot

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



0C1210



151716



0E120C



0B0D0C



8C8C8C



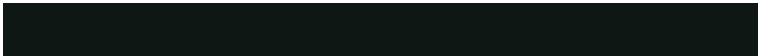
0D0D0D

Same Dimension

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



0C1210



0E1714



0C1112



090A0A



004A31



00C986

Inverse Universe

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



120C0E



170E11



120D0C



0A090A



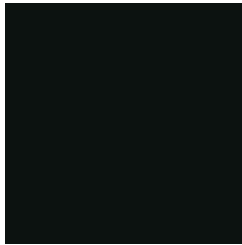
4A0019



C90043

Previews

White Background



This preview shows how the Hex color 0C1210 looks on a white background.

Color Contrast Check

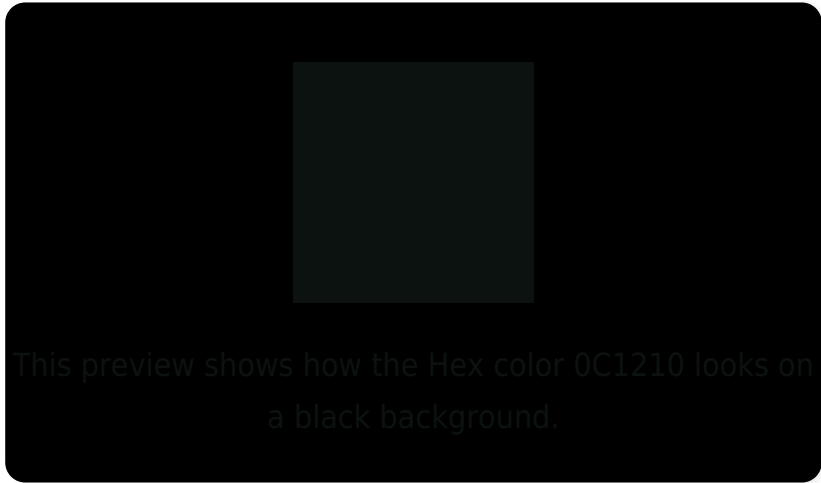
Large Text (above 18pt) WCAG AA ✓ Pass

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

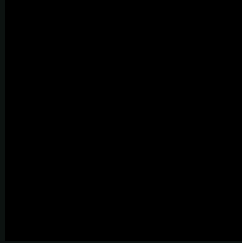
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

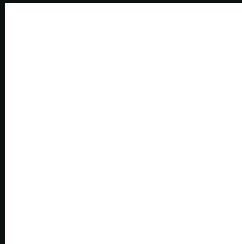
Any Text WCAG AAA × Fail

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

Hex 0C1210 Background



This preview shows how black text looks on a background with the Hex color 0C1210.

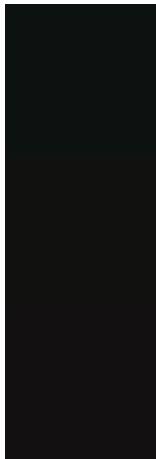


This preview shows how white text looks on a background with the Hex color 0C1210.

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
0C1210

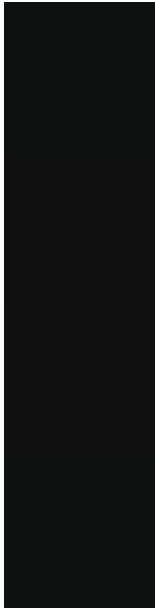
Protanopia
11110F

Deuteranopia
121010



Tritanopia
0D1213

Trichromacy



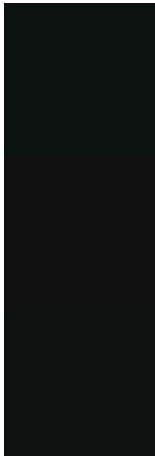
Original Color
OC1210

Protanomaly
OF110F

Deuteranomaly
101110

Tritanomaly
OD1212

Monochromacy



Original Color
OC1210

Achromatopsia
101010

Achromatomaly
OF1110

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1210 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 #0C1210 looks like.

```
.text, #text, p{  
    color:#0C1210  
}
```

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 #0C1210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1210
}
```

Border

The CSS property to change the border of an element to Hex 0C1210 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
#0C1210 }
```

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

```
.border{ border-color:#0C1210 }
```

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

Here you see how a box with a 4 pixel #0C1210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1210; -webkit-box-shadow:4px 4px  
4px 4px #0C1210; box-shadow:4px 4px 4px  
4px #0C1210 }
```

Background

The CSS property to change the background color of an element to Hex 0C1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1210 }
```

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

```
.background{ background-color:#0C1210 }
```

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