

Converting Colors

Hex(0D210D)

Have a look what the booklet for
Hex(0D210D) contains.

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Color

Hex(0D210D)

Conversions

Conversions Part 1

Format	Color
Hex	0D210D
RGB	13, 33, 13
RGB Percent	5%, 13%, 5%
CMY	0.9490, 0.8706, 0.9490
CMYK	0.61, 0.00, 0.61, 0.87
HSL	120°, 43%, 9%
HSV	120°, 61%, 13%
XYZ	0.7825, 1.2023, 0.5716
YIQ	24.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

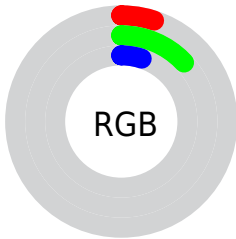
Format	Color
RYB	13, 33, 33
Decimal	860429
CIELab	10.57, -13.53, 10.06
CIELCh	11, 16.855, 143.372
Yxy	1.2023, 0.3061, 0.4703
Android (android.graphics.Color)	4279050509 (0xFF0D210D)
YUV	24.7400, -5.7878, -10.2960
Hunter-Lab	10.9651, -6.4510, 4.5848

Details

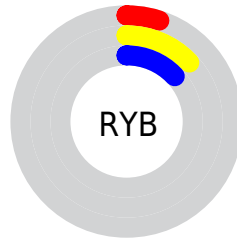
The Hex color **0D210D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **210D21**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **374D38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A210A**, and if you desaturate by 10%, it is **102110**.

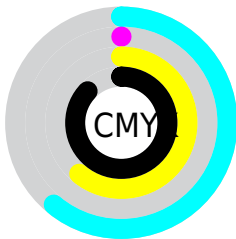
Distribution



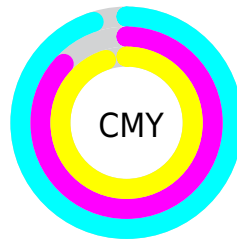
- Red (5%)
- Green (13%)
- Blue (5%)



- Red (5%)
- Yellow (13%)
- Blue (13%)



- Cyan (61%)
- Magenta (0%)
- Yellow (61%)
- Black (87%)



- Cyan (95%)
- Magenta (87%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D210D 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 0D210D by changing the saturation by 10% instead.

 0D210D

 0D210D

 EDFFED

 000400

 374D38

 000000

 4F654F

 677F67

 809880

 9AB39A

 B5CFB5

 D1EBD0

 0D210D

 0D210D

■ 0A210A

■ 102110

■ 062106

■ 142114

■ 032103

■ 172117

■ 002100

■ 1A211A

■ 1E211E

■ 212121

■ 242124

■ 272127

■ 2B212B

Harmonies

Analogous

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



1C1F00



0D210D



00221A

Triad

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



0D210D



001F33



321314

Complementary

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



0D210D



210D21

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.



301320



0D210D



191B32

Square

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



0D210D



00212F



28162A



2E1706

Rectangle

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



0D210D



002222



28162A



321318

Sweetspot

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



0D210D



242B24



21210D



121712



969696



171717

Same Dimension

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



0D210D



0C2B0C



0D2117



0E0F0E



004F00



00CF00

Inverse Universe

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



210D21



2B0C2B



210D17



0F0E0F



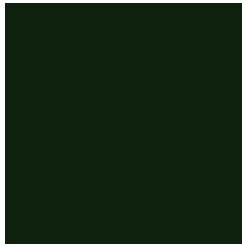
4F004F



CF00CF

Previews

White Background



This preview shows how the Hex color 0D210D 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

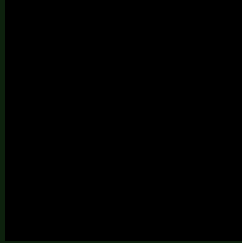
Any Text WCAG AA × Fail

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 0D210D Background



This preview shows how black text looks on a background with the Hex color 0D210D.



This preview shows how white text looks on a background with the Hex color 0D210D.

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
0D210D

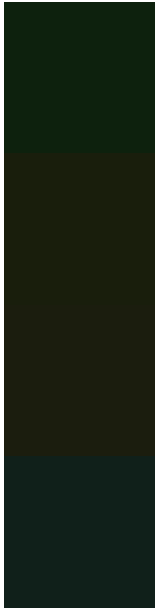
Protanopia
201D0C

Deuteranopia
231B0F



Tritanopia
121F21

Trichromacy



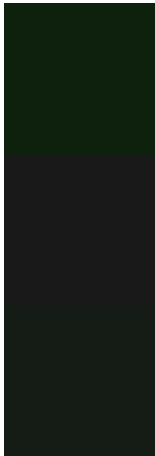
Original Color
0D210D

Protanomaly
191E0C

Deuteranomaly
1B1D0E

Tritanomaly
10201A

Monochromacy



Original Color
0D210D

Achromatopsia
191919

Achromatomaly
151C15

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D210D 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 #0D210D looks like.

```
.text, #text, p{  
    color:#0D210D  
}
```

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 #0D210D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D210D
}
```

Border

The CSS property to change the border of an element to Hex 0D210D is called "border". The border property can be set on classes, ids or directly on the HTML element.

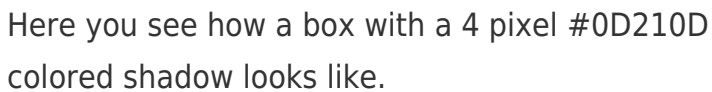
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D210D }
```

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

```
.border{ border-color:#0D210D }
```

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



Here you see how a box with a 4 pixel #0D210D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D210D; -webkit-box-shadow:4px 4px  
4px 4px #0D210D; box-shadow:4px 4px 4px  
4px #0D210D }
```

Background

The CSS property to change the background color of an element to Hex 0D210D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D210D }
```

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

```
.background{ background-color:#0D210D }
```

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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