

# Converting Colors

Hex(01210C)

Have a look what the booklet for  
Hex(01210C) contains.

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**Color**

**Hex(01210C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01210C
RGB	1, 33, 12
RGB Percent	0%, 13%, 5%
CMY	0.9961, 0.8706, 0.9529
CMYK	0.97, 0.00, 0.64, 0.87
HSL	141°, 94%, 7%
HSV	141°, 97%, 13%
XYZ	0.6227, 1.1207, 0.5313
YIQ	21.0380, -12.3310, -13.3150

# Conversions

## Conversions Part 2

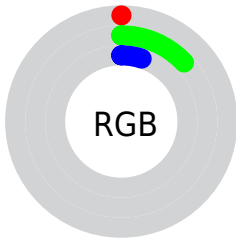
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 25, 33
Decimal	73996
CIE <sub>Lab</sub>	9.96, -17.42, 9.57
CIE <sub>LCh</sub>	10, 19.874, 151.211
Yxy	1.1207, 0.2738, 0.4927
Android (android.graphics.Color)	4278264076 (0xFF01210C)
YUV	21.0380, -4.4557, -17.5733
Hunter-Lab	10.5864, -8.0260, 4.4347

# Details

The Hex color **01210C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **210116**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **2E4D37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00210B**, and if you desaturate by 10%, it is **04210E**.

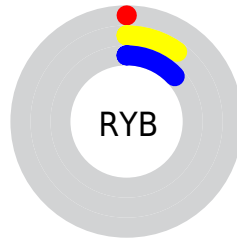
# Distribution



Red (0%)

Green (13%)

Blue (5%)



Red (0%)

Yellow (10%)

Blue (13%)

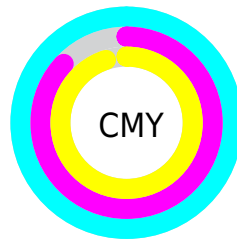


Cyan (97%)

Magenta (0%)

Yellow (64%)

Black (87%)



Cyan (100%)

Magenta (87%)


Yellow (95%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 01210C 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 01210C by changing the saturation by 10% instead.



 01210C

 01210C

 E2FFEC

 000000

 2E4D37

 45664E


 5D7F66


 76997F

 90B499

 ABCFB4

 C6EBCF

 01210C

 01210C

■ 00210B

■ 04210E

■ 082110

■ 0B2112

■ 0E2115

■ 122117

■ 152119

■ 18211B

■ 1B211D

■ 1F211F

# Harmonies

## Analogous

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



171E00



01210C



00221C

# Triad

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



01210C



001D36



33110C

# Complementary

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



01210C



210116

# 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.



330F1B



01210C



1C1832

# Square

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



01210C



002033



2C1229



2E1600

# Rectangle

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



01210C



002225



2C1229



340F12



# Sweetspot

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



01210C



1F2B23



162101



0F1712



969696



171717



# Same Dimension

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



01210C



002B0F



01211C



0E0F0E



004F1B



00CF47



# Inverse Universe

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



210116



2B001C



210106



0F0E0F



4F0034

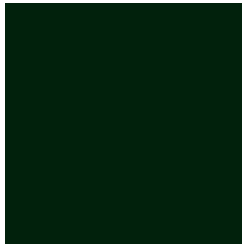


CF0088



# Previews

## White Background



This preview shows how the Hex color 01210C looks on a white background.

## Color Contrast Check

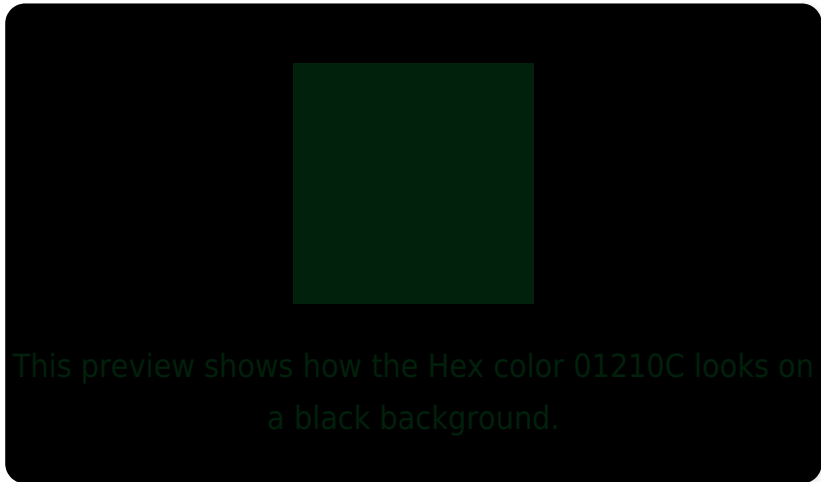
Large Text (above 18pt) WCAG AA ✓ Pass

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

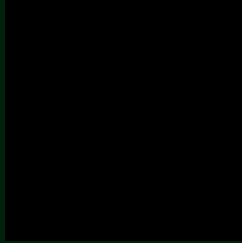
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 01210C Background



This preview shows how black text looks on a background with the Hex color 01210C.



This preview shows how white text looks on a background with the Hex color 01210C.

# 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**  
01210C

**Protanopia**  
201C0B

**Deuteranopia**  
231B0E



**Tritanopia**  
0D1F21

# Trichromacy



**Original Color**  
01210C

**Protanomaly**  
151E0B

**Deuteranomaly**  
171D0D

**Tritanomaly**  
092019

# Monochromacy



**Original Color**  
01210C

**Achromatopsia**  
151515

**Achromatomaly**  
0E1912

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01210C 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 #01210C looks like.

```
.text, #text, p{  
    color:#01210C  
}
```

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 #01210C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01210C  
}
```

## Border

The CSS property to change the border of an element to Hex 01210C 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".

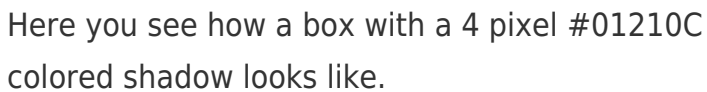
```
.border, #border, table{ border:4px solid  
#01210C }
```

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

```
.border{ border-color:#01210C }
```

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

Here you see how a box with a 4 pixel #01210C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01210C; -webkit-box-shadow:4px 4px  
4px 4px #01210C; box-shadow:4px 4px 4px  
4px #01210C }
```

# Background

The CSS property to change the background color of an element to Hex 01210C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01210C }
```

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

```
.background{ background-color:#01210C }
```

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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