

Converting Colors

Hex(0D2C12)

Have a look what the booklet for
Hex(0D2C12) contains.

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Color

Hex(0D2C12)

Conversions

Conversions Part 1

Format	Color
Hex	0D2C12
RGB	13, 44, 18
RGB Percent	5%, 17%, 7%
CMY	0.9490, 0.8275, 0.9294
CMYK	0.70, 0.00, 0.59, 0.83
HSL	130°, 54%, 11%
HSV	130°, 70%, 17%
XYZ	1.1758, 1.9306, 0.8829
YIQ	31.7670, -10.1300, -14.6580

Conversions

Conversions Part 2

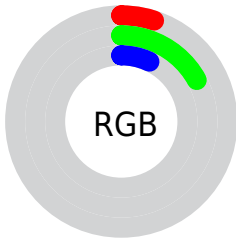
Format	Color
R_{YB}	13, 40, 44
Decimal	863250
CIE _{Lab}	15.12, -18.49, 13.44
CIE _{LCh}	15, 22.860, 143.996
Yxy	1.9306, 0.2947, 0.4839
Android (android.graphics.Color)	4279053330 (0xFF0D2C12)
YUV	31.7670, -6.7871, -16.4587
Hunter-Lab	13.8946, -9.2099, 5.9586

Details

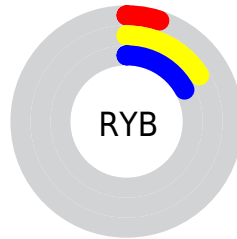
The Hex color **0D2C12** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C0D27**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3A5A3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **092C0E**, and if you desaturate by 10%, it is **112C16**.

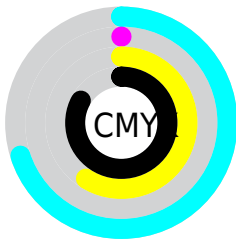
Distribution



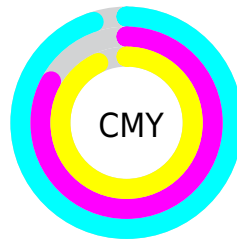
- Red (5%)
- Green (17%)
- Blue (7%)



- Red (5%)
- Yellow (16%)
- Blue (17%)



- Cyan (70%)
- Magenta (0%)
- Yellow (59%)
- Black (83%)



- Cyan (95%)
- Magenta (83%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2C12 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 0D2C12 by changing the saturation by 10% instead.

 0D2C12

 0D2C12

 F2FFF3

 001900

 3A5A3D

 000000

 527354

 6B8C6C

 84A785

 9FC2A0

 BADEBB

 D6FBD6

 0D2C12

 0D2C12

■ 092C0E

■ 112C16

■ 042C0B

■ 162C19

■ 002C07

■ 1A2C1D

■ 1F2C21

■ 232C24

■ 272C28

■ 2C2C2C

■ 302C30

■ 352C33

Harmonies

Analogous

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



232902



0D2C12



002E22

Triad

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



0D2C12



002946



43181A

Complementary

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



0D2C12



2C0D27

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.



41172A



0D2C12



212343

Square

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



0D2C12



002C40



361C39



3D1E0A

Rectangle

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



0D2C12



002E2D



361C39



43171F

Sweetspot

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



0D2C12



2C382E



272C0D



151C16



9C9C9C



1C1C1C

Same Dimension

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



0D2C12



083810



0D2C21



151715



00570E



00D623

Inverse Universe

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



2C0D27



380830



2C0D18



171517



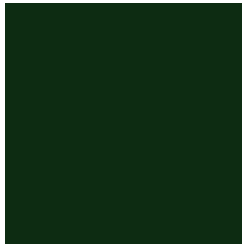
570049



D600B4

Previews

White Background



This preview shows how the Hex color 0D2C12 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

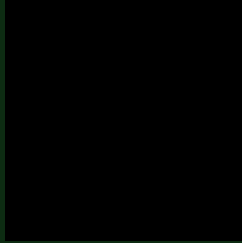
Any Text WCAG AA × Fail

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 0D2C12 Background



This preview shows how black text looks on a background with the Hex color 0D2C12.



This preview shows how white text looks on a background with the Hex color 0D2C12.

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
0D2C12

Protanopia
2A2610

Deuteranopia
2F2414



Tritanopia
15292D

Trichromacy



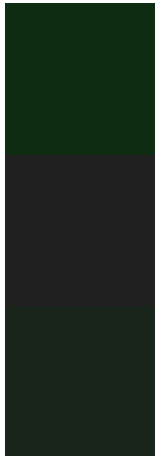
Original Color
0D2C12

Protanomaly
1F2811

Deuteranomaly
232713

Tritanomaly
122A23

Monochromacy



Original Color
0D2C12

Achromatopsia
202020

Achromatomaly
19241B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2C12 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 #0D2C12 looks like.

```
.text, #text, p{  
    color:#0D2C12  
}
```

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 #0D2C12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2C12
}
```

Border

The CSS property to change the border of an element to Hex 0D2C12 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
#0D2C12 }
```

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

```
.border{ border-color:#0D2C12 }
```

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

Here you see how a box with a 4 pixel #0D2C12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2C12; -webkit-box-shadow:4px 4px  
4px 4px #0D2C12; box-shadow:4px 4px 4px  
4px #0D2C12 }
```

Background

The CSS property to change the background color of an element to Hex 0D2C12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2C12 }
```

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

```
.background{ background-color:#0D2C12 }
```

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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