

Converting Colors

Hex(0D240D)

Have a look what the booklet for
Hex(0D240D) contains.

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Color

Hex(0D240D)

Conversions

Conversions Part 1

Format	Color
Hex	0D240D
RGB	13, 36, 13
RGB Percent	5%, 14%, 5%
CMY	0.9490, 0.8588, 0.9490
CMYK	0.64, 0.00, 0.64, 0.86
HSL	120°, 47%, 10%
HSV	120°, 64%, 14%
XYZ	0.8695, 1.3764, 0.6006
YIQ	26.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

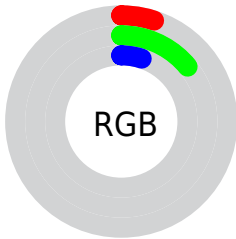
Format	Color
RYB	13, 36, 36
Decimal	861197
CIELab	11.80, -15.25, 11.75
CIELCh	12, 19.257, 142.385
Yxy	1.3764, 0.3055, 0.4835
Android (android.graphics.Color)	4279051277 (0xFF0D240D)
YUV	26.5010, -6.6560, -11.8404
Hunter-Lab	11.7319, -7.3014, 5.1770

Details

The Hex color **0D240D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **240D24**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **385138**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **092409**, and if you desaturate by 10%, it is **112411**.

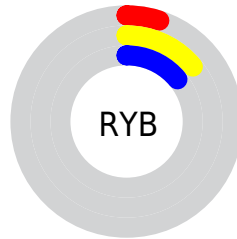
Distribution



Red (5%)

Green (14%)

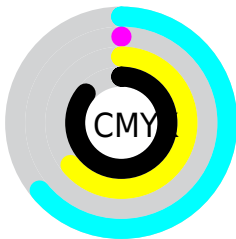
Blue (5%)



Red (5%)

Yellow (14%)

Blue (14%)

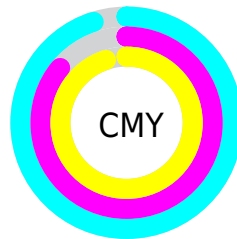


Cyan (64%)

Magenta (0%)

Yellow (64%)

Black (86%)



Cyan (95%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D240D 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 0D240D by changing the saturation by 10% instead.

 0D240D

 0D240D

 EEEFED


 000C00

 385138

 000000

 4F694F

 688267

 819C80

 9BB79A

 B6D3B5

 D2EFD0

 0D240D

 0D240D

■ 092409

■ 112411

■ 062406

■ 142414

■ 022402

■ 182418

■ 002400

■ 1B241B

■ 1F241F

■ 232423

■ 262426

■ 2A242A

■ 2D242D

Harmonies

Analogous

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



1E2100



0D240D



00251B

Triad

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



0D240D



002239



371416

Complementary

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



0D240D



240D24

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.



351423



0D240D



1A1D38

Square

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



0D240D



002434



2C182F



331806

Rectangle

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



0D240D



002624



2C182F



37131A

Sweetspot

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



0D240D



252E25



24240D



121712



969696



171717

Same Dimension

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



0D240D



0B2E0B



0D2419



101210



005200



00D100

Inverse Universe

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



240D24



2E0B2E



240D19



121012



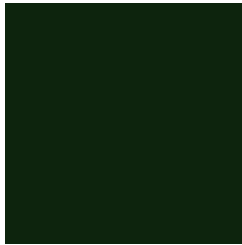
520052



D100D1

Previews

White Background



This preview shows how the Hex color 0D240D looks on a white background.

Color Contrast Check

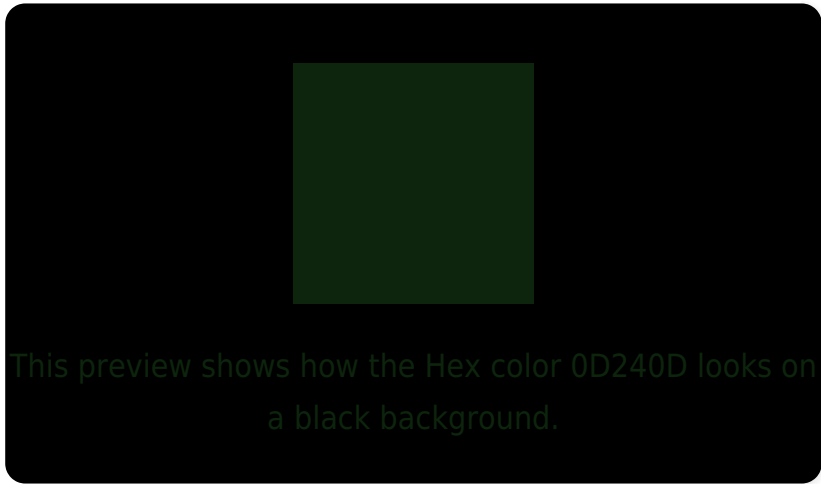
Large Text (above 18pt) WCAG AA ✓ Pass

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

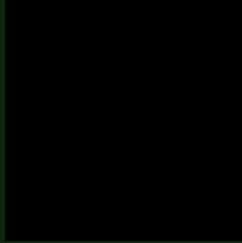
Any Text WCAG AA × Fail

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 0D240D Background



This preview shows how black text looks on a background with the Hex color 0D240D.



This preview shows how white text looks on a background with the Hex color 0D240D.

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
0D240D

Protanopia
231F0C

Deuteranopia
271E0F



Tritanopia
132224

Trichromacy



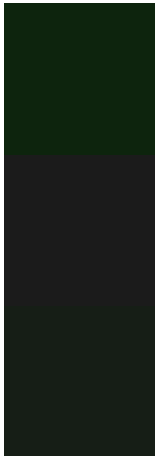
Original Color
0D240D

Protanomaly
1B210C

Deuteranomaly
1E200E

Tritanomaly
11231C

Monochromacy



Original Color
0D240D

Achromatopsia
1B1B1B

Achromatomaly
161E16

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D240D 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 #0D240D looks like.

```
.text, #text, p{  
    color:#0D240D  
}
```

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 #0D240D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D240D
}
```

Border

The CSS property to change the border of an element to Hex 0D240D 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
#0D240D }
```

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

```
.border{ border-color:#0D240D }
```

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

Here you see how a box with a 4 pixel #0D240D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D240D; -webkit-box-shadow:4px 4px  
4px 4px #0D240D; box-shadow:4px 4px 4px  
4px #0D240D }
```

Background

The CSS property to change the background color of an element to Hex 0D240D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D240D }
```

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

```
.background{ background-color:#0D240D }
```

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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