

Converting Colors

Hex(0A241D)

Have a look what the booklet for
Hex(0A241D) contains.

Hex(0A241D)	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(0A241D)

Conversions

Conversions Part 1

Format	Color
Hex	0A241D
RGB	10, 36, 29
RGB Percent	4%, 14%, 11%
CMY	0.9608, 0.8588, 0.8863
CMYK	0.72, 0.00, 0.19, 0.86
HSL	164°, 57%, 9%
HSV	164°, 72%, 14%
XYZ	0.9778, 1.4150, 1.3840
YIQ	27.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

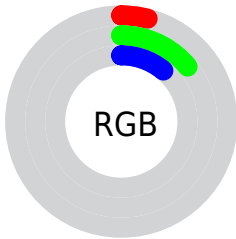
Format	Color
RYB	10, 25, 36
Decimal	664605
CIELab	12.06, -12.19, 1.70
CIELCh	12, 12.308, 172.066
Yxy	1.4150, 0.2589, 0.3747
Android (android.graphics.Color)	4278854685 (0xFF0A241D)
YUV	27.4280, 0.7750, -15.2844
Hunter-Lab	11.8953, -6.1438, 1.4286

Details

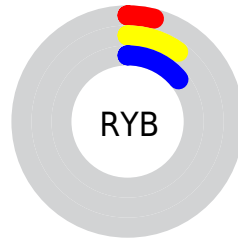
The Hex color **0A241D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **240A11**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **365148**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **06241C**, and if you desaturate by 10%, it is **0E241E**.

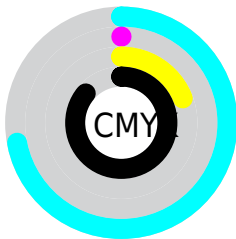
Distribution



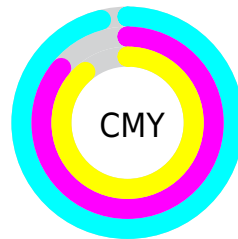
- Red (4%)
- Green (14%)
- Blue (11%)



- Red (4%)
- Yellow (10%)
- Blue (14%)



- Cyan (72%)
- Magenta (0%)
- Yellow (19%)
- Black (86%)



- Cyan (96%)
- Magenta (86%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A241D 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 0A241D by changing the saturation by 10% instead.

■ 0A241D

■ 0A241D

■ ECFE5

■ 000E03

■ 365148

■ 000000

■ 4D6960

■ 668279

■ 7F9C93

■ 99B7AD

■ B4D3C8

■ D0EFE5

■ 0A241D

■ 0A241D

■ 06241C

■ 0E241E

■ 03241B

■ 11241F

■ 00241A

■ 152420

■ 182421

■ 1C2422

■ 202423

■ 232424

■ 272425

■ 2A2426

Harmonies

Analogous

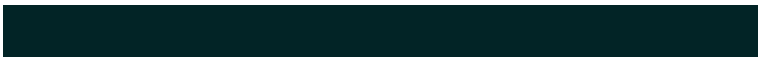
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152315



0A241D



022426

Triad

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



0A241D



1D1E2F



2D1B12

Complementary

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



0A241D



240A11

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.



30191A



0A241D



281B2A

Square

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



0A241D



0F2130



2E1922



271E0E

Rectangle

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



0A241D



01242B



2E1922



2F1B15

Sweetspot

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



0A241D



242E2B



11240A



111715



969696



171717

Same Dimension

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



0A241D



062E23



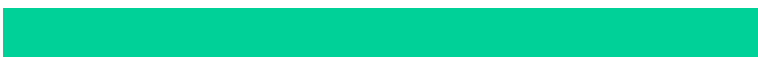
0A1E24



101211



00523C



00D199

Inverse Universe

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



240A11



2E0611



24100A



121011



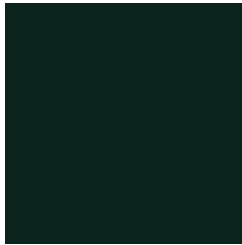
520016



D10038

Previews

White Background



This preview shows how the Hex color 0A241D looks on a white background.

Color Contrast Check

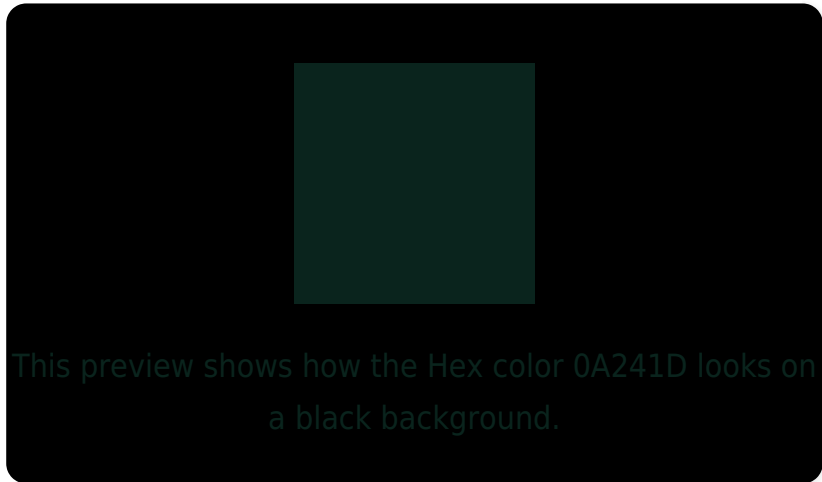
Large Text (above 18pt) WCAG AA ✓ Pass

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

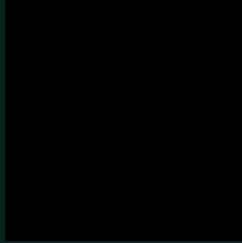
Any Text WCAG AA × Fail

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 0A241D Background



This preview shows how black text looks on a background with the Hex color 0A241D.



This preview shows how white text looks on a background with the Hex color 0A241D.

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
0A241D

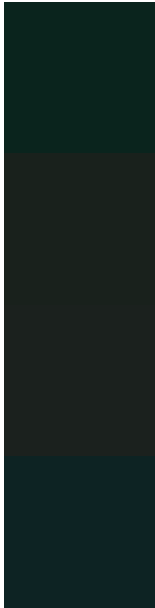
Protanopia
22201B

Deuteranopia
241F1E



Tritanopia
0E2326

Trichromacy



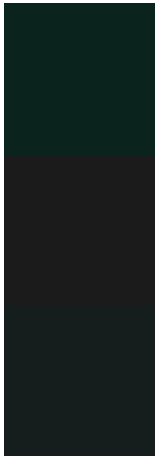
Original Color
0A241D

Protanomaly
19211C

Deuteranomaly
1B211E

Tritanomaly
0D2323

Monochromacy



Original Color
0A241D

Achromatopsia
1B1B1B

Achromatomaly
151E1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A241D 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 #0A241D looks like.

```
.text, #text, p{  
    color:#0A241D  
}
```

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 #0A241D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A241D
}
```

Border

The CSS property to change the border of an element to Hex 0A241D 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
#0A241D }
```

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

```
.border{ border-color:#0A241D }
```

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

Here you see how a box with a 4 pixel #0A241D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A241D; -webkit-box-shadow:4px 4px  
4px 4px #0A241D; box-shadow:4px 4px 4px  
4px #0A241D }
```

Background

The CSS property to change the background color of an element to Hex 0A241D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A241D }
```

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

```
.background{ background-color:#0A241D }
```

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