

# Converting Colors

Hex(0A2E21)

Have a look what the booklet for  
Hex(0A2E21) contains.

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# Color

**Hex(0A2E21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A2E21
RGB	10, 46, 33
RGB Percent	4%, 18%, 13%
CMY	0.9608, 0.8196, 0.8706
CMYK	0.78, 0.00, 0.28, 0.82
HSL	158°, 64%, 11%
HSV	158°, 78%, 18%
XYZ	1.3767, 2.1283, 1.7771
YIQ	33.7540, -17.2830, -11.6750

# Conversions

## Conversions Part 2

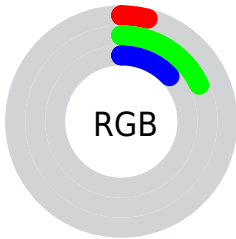
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 32, 46
Decimal	667169
CIE <sub>Lab</sub>	16.15, -16.68, 4.69
CIE <sub>LCh</sub>	16, 17.331, 164.286
Yxy	2.1283, 0.2606, 0.4029
Android (android.graphics.Color)	4278857249 (0xFF0A2E21)
YUV	33.7540, -0.3717, -20.8323
Hunter-Lab	14.5888, -8.6861, 2.9899

# Details

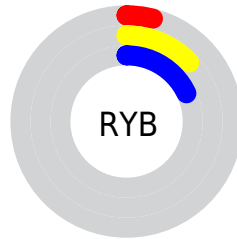
The Hex color **0A2E21** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E0A17**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **395C4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **052E1F**, and if you desaturate by 10%, it is **0F2E23**.

# Distribution



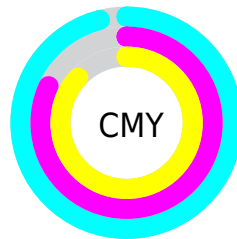
- Red (4%)
- Green (18%)
- Blue (13%)



- Red (4%)
- Yellow (13%)
- Blue (18%)



- Cyan (78%)
- Magenta (0%)
- Yellow (28%)
- Black (82%)



- Cyan (96%)
- Magenta (82%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A2E21 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 0A2E21 by changing the saturation by 10% instead.



 0A2E21

 0A2E21

 F1FFFF

 001A0A

 395C4D

 000000

 507565

 698F7E

 83A998

 9DC4B3

 B8E1CE

 D4FDEA

 0A2E21

 0A2E21

■ 052E1F

■ 0F2E23

■ 012E1E

■ 132E24

■ 002E1D

■ 182E26

■ 1C2E28

■ 212E29

■ 262E2B

■ 2A2E2D

■ 2F2E2E

■ 332E30

# Harmonies

## Analogous

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



1C2C16



0A2E21



002E2E

# Triad

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



0A2E21



1F2740



3D2117

# Complementary

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



0A2E21



2E0A17

# 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.



401E23



0A2E21



31233A

# Square

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



0A2E21



032B40



3C1F2F



352510

# Rectangle

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



0A2E21



002E36



3C1F2F



3E201B



# Sweetspot

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



0A2E21



2D3B36



172E0A



161F1C



9E9E9E



1F1F1F



# Same Dimension

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



0A2E21



043B27



0A292E



151716



005737



00D689



# Inverse Universe

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



2E0A17



3B0417



2E0F0A



171515



57001F

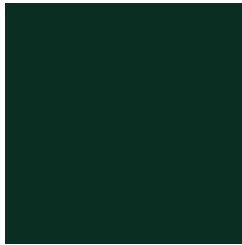


D6004D



# Previews

## White Background



This preview shows how the Hex color 0A2E21 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

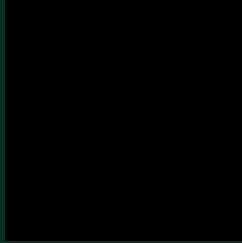
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A2E21 Background



This preview shows how black text looks on a background with the Hex color 0A2E21.



This preview shows how white text looks on a background with the Hex color 0A2E21.

# 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**  
0A2E21

**Protanopia**  
2B281E

**Deuteranopia**  
2E2723



**Tritanopia**  
122C30

# Trichromacy



**Original Color**  
0A2E21

**Protanomaly**  
1F2A1F

**Deuteranomaly**  
212A22

**Tritanomaly**  
0F2D2B

# Monochromacy



**Original Color**  
0A2E21

**Achromatopsia**  
222222

**Achromatomaly**  
192622

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A2E21 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 #0A2E21 looks like.

```
.text, #text, p{  
    color:#0A2E21  
}
```

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 #0A2E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2E21
}
```

## Border

The CSS property to change the border of an element to Hex 0A2E21 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
#0A2E21 }
```

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

```
.border{ border-color:#0A2E21 }
```

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

Here you see how a box with a 4 pixel #0A2E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2E21; -webkit-box-shadow:4px 4px  
4px 4px #0A2E21; box-shadow:4px 4px 4px  
4px #0A2E21 }
```

# Background

The CSS property to change the background color of an element to Hex 0A2E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2E21 }
```

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

```
.background{ background-color:#0A2E21 }
```

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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