

# Converting Colors

Hex(10321E)

Have a look what the booklet for  
Hex(10321E) contains.

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# Color

**Hex(10321E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10321E
RGB	16, 50, 30
RGB Percent	6%, 20%, 12%
CMY	0.9373, 0.8039, 0.8824
CMYK	0.68, 0.00, 0.40, 0.80
HSL	145°, 52%, 13%
HSV	145°, 68%, 20%
XYZ	1.5886, 2.4851, 1.6242
YIQ	37.5540, -13.8440, -13.4280

# Conversions

## Conversions Part 2

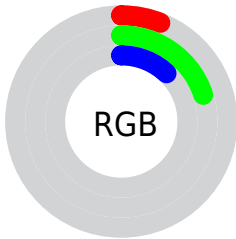
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 40, 50
Decimal	1061406
CIELab	17.85, -18.07, 9.13
CIELCh	18, 20.246, 153.194
Yxy	2.4851, 0.2788, 0.4361
Android (android.graphics.Color)	4279251486 (0xFF10321E)
YUV	37.5540, -3.7241, -18.9029
Hunter-Lab	15.7642, -9.5991, 4.9261

# Details

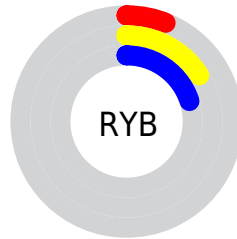
The Hex color **10321E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **321024**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3E614A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B321B**, and if you desaturate by 10%, it is **153221**.

# Distribution



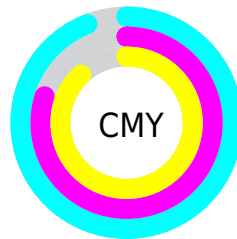
- Red (6%)
- Green (20%)
- Blue (12%)



- Red (6%)
- Yellow (16%)
- Blue (20%)



- Cyan (68%)
- Magenta (0%)
- Yellow (40%)
- Black (80%)



- Cyan (94%)
- Magenta (80%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10321E 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 10321E by changing the saturation by 10% instead.



 10321E

 10321E

 F7FFFF

 001E06

 3E614A

 000000

 567A62

 6F937B

 89AE94

 A3CAAF

 BEE6CA

 DAFFE6

 10321E

 10321E

■ 0B321B

■ 153221

■ 063218

■ 1A3224

■ 013215

■ 1F3227

■ 003215

■ 24322A

■ 29322D

■ 2E3230

■ 333233

■ 383236

■ 3D3238

# Harmonies

## Analogous

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



242F12



10321E



00332D

# Triad

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



10321E



142D49



46211D

# Complementary

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



10321E



321024

# 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.



461F2B



10321E



2F2744

# Square

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



10321E



003145



3F2239



3F2612

# Rectangle

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



10321E



003337



3F2239



472021



# Sweetspot

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



10321E



334038



243210



19211C



A1A1A1



212121



# Same Dimension

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



10321E



0B4021



10322F



171A18



005925



00D959



# Inverse Universe

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



321024



400B2A



321013



1A1718



590035

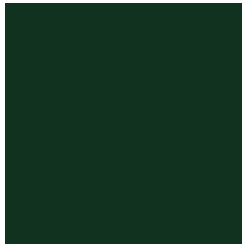


D90080



# Previews

## White Background



This preview shows how the Hex color 10321E looks on a white background.

## Color Contrast Check

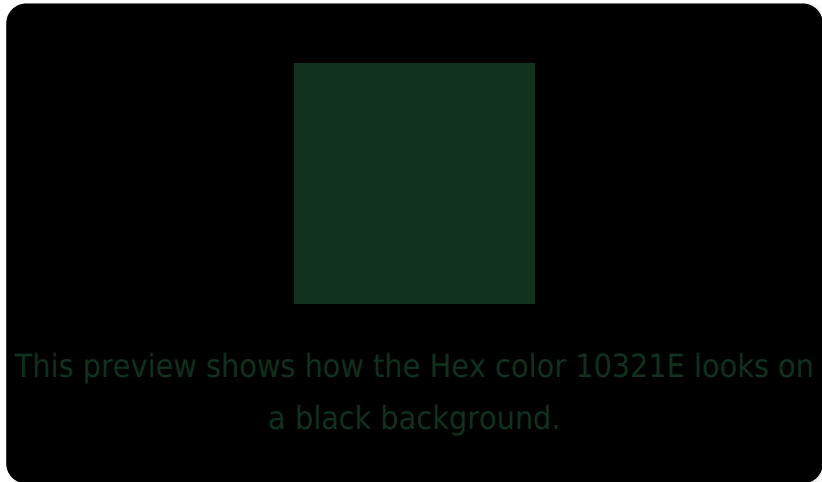
Large Text (above 18pt) WCAG AA ✓ Pass

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

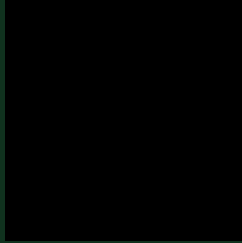
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 10321E Background



This preview shows how black text looks on a background with the Hex color 10321E.



This preview shows how white text looks on a background with the Hex color 10321E.

# 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**  
10321E

**Protanopia**  
302C1C

**Deuteranopia**  
342A20



**Tritanopia**  
172F33

# Trichromacy



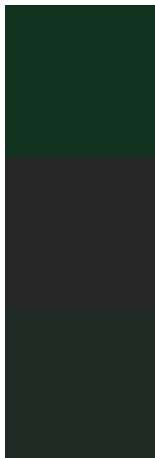
**Original Color**  
10321E

**Protanomaly**  
242E1D

**Deuteranomaly**  
272D1F

**Tritanomaly**  
14302B

# Monochromacy



**Original Color**  
10321E

**Achromatopsia**  
262626

**Achromatomaly**  
1E2A23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10321E 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 #10321E looks like.

```
.text, #text, p{  
    color:#10321E  
}
```

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 #10321E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10321E
}
```

## Border

The CSS property to change the border of an element to Hex 10321E 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".

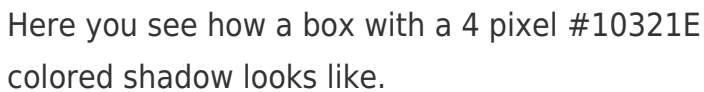
```
.border, #border, table{ border:4px solid
#10321E }
```

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

```
.border{ border-color:#10321E }
```

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

Here you see how a box with a 4 pixel #10321E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10321E; -webkit-box-shadow:4px 4px  
4px 4px #10321E; box-shadow:4px 4px 4px  
4px #10321E }
```

# Background

The CSS property to change the background color of an element to Hex 10321E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10321E }
```

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

```
.background{ background-color:#10321E }
```

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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