

# Converting Colors

Hex(05321E)

Have a look what the booklet for  
Hex(05321E) contains.

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# Color

**Hex(05321E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05321E
RGB	5, 50, 30
RGB Percent	2%, 20%, 12%
CMY	0.9804, 0.8039, 0.8824
CMYK	0.90, 0.00, 0.40, 0.80
HSL	153°, 82%, 11%
HSV	153°, 90%, 20%
XYZ	1.4375, 2.4072, 1.6172
YIQ	34.2650, -20.4000, -15.7600

# Conversions

## Conversions Part 2

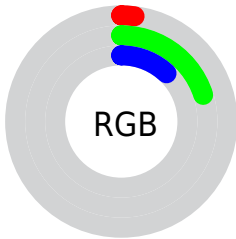
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 34, 50
Decimal	340510
CIELab	17.49, -20.72, 8.59
CIELCh	17, 22.427, 157.491
Yxy	2.4072, 0.2632, 0.4407
Android (android.graphics.Color)	4278530590 (0xFF05321E)
YUV	34.2650, -2.1026, -25.6654
Hunter-Lab	15.5152, -10.6129, 4.6807

# Details

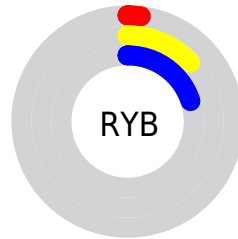
The Hex color **05321E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **320519**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **36614A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00321C**, and if you desaturate by 10%, it is **0A3220**.

# Distribution



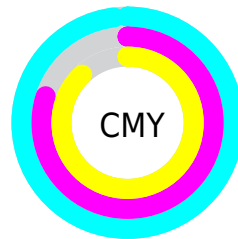
- Red (2%)
- Green (20%)
- Blue (12%)



- Red (2%)
- Yellow (13%)
- Blue (20%)



- Cyan (90%)
- Magenta (0%)
- Yellow (40%)
- Black (80%)



- Cyan (98%)
- Magenta (80%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05321E 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 05321E by changing the saturation by 10% instead.



 05321E

 05321E

 EFFFFFF

 001E05

 36614A

 000000

 4E7A62

 67947A

 81AF94

 9CCA AF

 B7E6CA

 D3FFE6

 05321E

 05321E

■ 00321C

■ 0A3220

■ 0F3222

■ 143225

■ 193227

■ 1E3229

■ 23322B

■ 28322E

■ 2D3230

■ 323232

# Harmonies

## Analogous

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



1F3010



05321E



00332F

# Triad

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



05321E



142B4B



472018

# Complementary

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



05321E



320519

# 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.



491D28



05321E



312545

# Square

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



05321E



003048



421F38



3E260C

# Rectangle

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



05321E



003339



421F38



481E1D



# Sweetspot

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



05321E



2F4038



193205



17211C



A1A1A1



212121



# Same Dimension

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



05321E



004023



053032



171A18



005932



00D978



# Inverse Universe

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



320519



40001C



320705



1A1718



590028

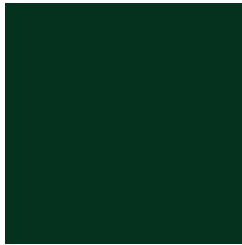


D90060



# Previews

## White Background



This preview shows how the Hex color 05321E looks on a white background.

## Color Contrast Check

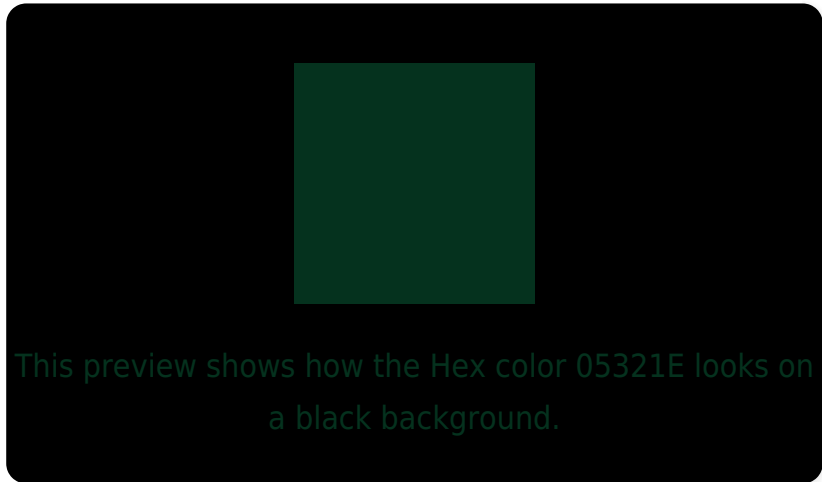
Large Text (above 18pt) WCAG AA ✓ Pass

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

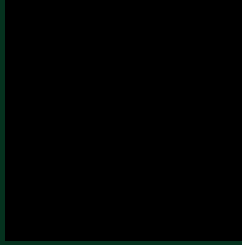
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 05321E Background



This preview shows how black text looks on a background with the Hex color 05321E.



This preview shows how white text looks on a background with the Hex color 05321E.

# 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**  
05321E

**Protanopia**  
2F2B1B

**Deuteranopia**  
332A20



**Tritanopia**  
132F33

# Trichromacy



**Original Color**  
05321E

**Protanomaly**  
202E1C

**Deuteranomaly**  
222D1F

**Tritanomaly**  
0E302B

# Monochromacy



**Original Color**  
05321E

**Achromatopsia**  
222222

**Achromatomaly**  
172821

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05321E 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 #05321E looks like.

```
.text, #text, p{  
    color:#05321E  
}
```

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 #05321E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05321E
}
```

## Border

The CSS property to change the border of an element to Hex 05321E 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".

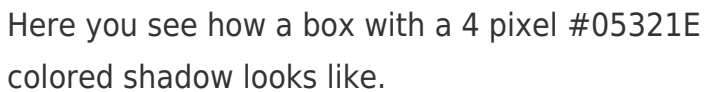
```
.border, #border, table{ border:4px solid
#05321E }
```

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

```
.border{ border-color:#05321E }
```

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

Here you see how a box with a 4 pixel #05321E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05321E; -webkit-box-shadow:4px 4px  
4px 4px #05321E; box-shadow:4px 4px 4px  
4px #05321E }
```

# Background

The CSS property to change the background color of an element to Hex 05321E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05321E }
```

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

```
.background{ background-color:#05321E }
```

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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