

# Converting Colors

Hex(00320E)

Have a look what the booklet for  
Hex(00320E) contains.

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# Color

**Hex(00320E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00320E
RGB	0, 50, 14
RGB Percent	0%, 20%, 5%
CMY	1.0000, 0.8039, 0.9451
CMYK	1.00, 0.00, 0.72, 0.80
HSL	137°, 100%, 10%
HSV	137°, 100%, 20%
XYZ	1.2199, 2.3129, 0.7976
YIQ	30.9460, -18.2440, -21.7960

# Conversions

## Conversions Part 2

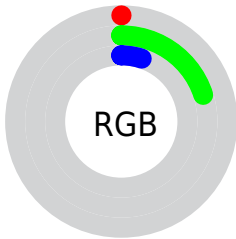
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 39, 50
Decimal	12814
CIELab	17.05, -25.39, 17.99
CIELCh	17, 31.120, 144.686
Yxy	2.3129, 0.2817, 0.5341
Android (android.graphics.Color)	4278202894 (0xFF00320E)
YUV	30.9460, -8.3544, -27.1396
Hunter-Lab	15.2083, -12.2968, 7.5363

# Details

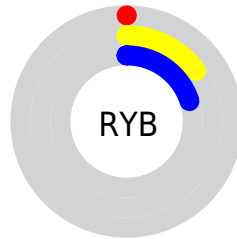
The Hex color **00320E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **320024**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **336139**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00320E**, and if you desaturate by 10%, it is **053212**.

# Distribution



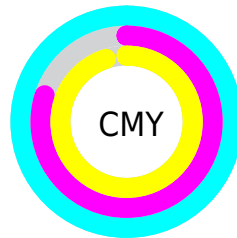
- Red (0%)
- Green (20%)
- Blue (5%)



- Red (0%)
- Yellow (15%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00320E 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 00320E by changing the saturation by 10% instead.



 00320E

 00320E

 ECFEF

 001F00

 336139

 000000

 4B7A50

 649469

 7EAF82

 99CA9C

 B4E7B7

 D0FFD3

 00320E

■ 053212

■ 0A3215

■ 0F3219

■ 14321C

■ 193220

■ 1E3224

■ 233227

■ 28322B

■ 2D322E

# Harmonies

## Analogous

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



242E00



00320E



003425

# Triad

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



00320E



002E57



511419

# Complementary

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



00320E



320024

# 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.



4F122F



00320E



212653

# Square

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



00320E



00324E



411B44



481E00

# Rectangle

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



00320E



003435



411B44



511220



# Sweetspot

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



00320E



2D4032



253200



152119



A1A1A1



212121



# Same Dimension

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



00320E



004012



003226



171A18



005919



00D93D



# Inverse Universe

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



320024



40002E



32000C



1A1719



590040



D9009C



# Previews

## White Background



This preview shows how the Hex color 00320E looks on a white background.

## Color Contrast Check

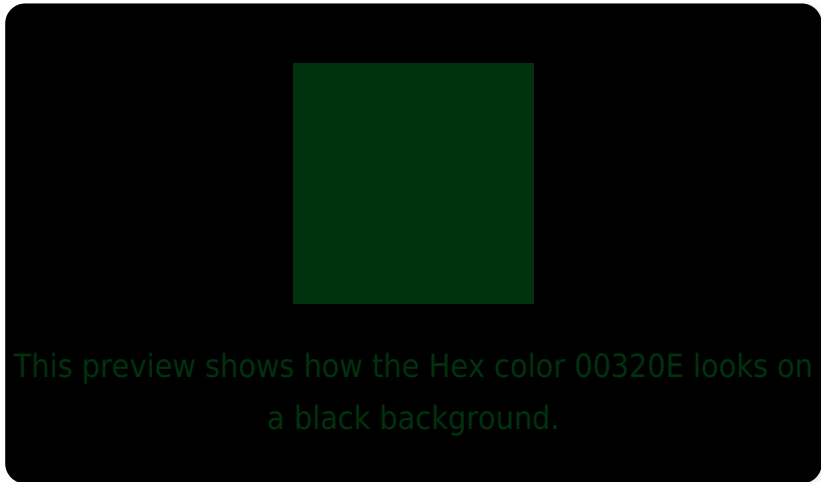
Large Text (above 18pt) WCAG AA ✓ Pass

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

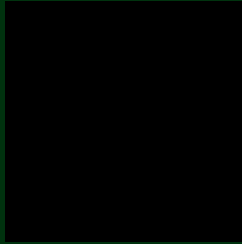
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00320E Background



This preview shows how black text looks on a background with the Hex color 00320E.



This preview shows how white text looks on a background with the Hex color 00320E.

# 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**  
00320E

**Protanopia**  
302B0C

**Deuteranopia**  
352911



**Tritanopia**  
142F32

# Trichromacy



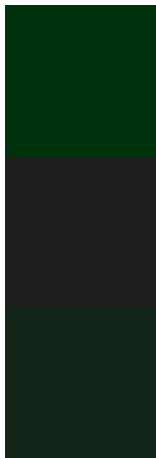
**Original Color**  
00320E

**Protanomaly**  
1F2E0D

**Deuteranomaly**  
222C10

**Tritanomaly**  
0D3025

# Monochromacy



**Original Color**  
00320E

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
142619

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00320E 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 #00320E looks like.

```
.text, #text, p{  
    color:#00320E  
}
```

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 #00320E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00320E
}
```

## Border

The CSS property to change the border of an element to Hex 00320E 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
#00320E }
```

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

```
.border{ border-color:#00320E }
```

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

Here you see how a box with a 4 pixel #00320E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00320E; -webkit-box-shadow:4px 4px  
4px 4px #00320E; box-shadow:4px 4px 4px  
4px #00320E }
```

# Background

The CSS property to change the background color of an element to Hex 00320E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00320E }
```

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

```
.background{ background-color:#00320E }
```

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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