

# Converting Colors

Hex(0E4217)

Have a look what the booklet for  
Hex(0E4217) contains.

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# Color

Hex(0E4217)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E4217
RGB	14, 66, 23
RGB Percent	5%, 26%, 9%
CMY	0.9451, 0.7412, 0.9098
CMYK	0.79, 0.00, 0.65, 0.74
HSL	130°, 65%, 16%
HSV	130°, 79%, 26%
XYZ	2.2840, 4.0517, 1.4723
YIQ	45.5500, -17.1890, -24.3970

# Conversions

## Conversions Part 2

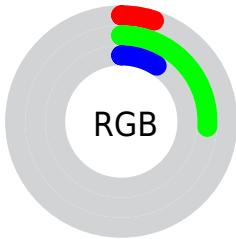
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 58, 66
Decimal	934423
CIELab	23.84, -27.45, 21.04
CIELCh	24, 34.585, 142.520
Yxy	4.0517, 0.2925, 0.5189
Android (android.graphics.Color)	4279124503 (0xFF0E4217)
YUV	45.5500, -11.1171, -27.6693
Hunter-Lab	20.1287, -14.9712, 9.7534

# Details

The Hex color **0E4217** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **420E39**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **417343**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **074212**, and if you desaturate by 10%, it is **15421C**.

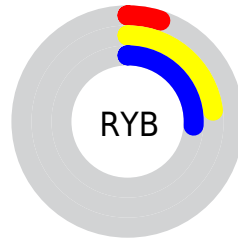
# Distribution



Red (5%)

Green (26%)

Blue (9%)



Red (5%)

Yellow (23%)

Blue (26%)

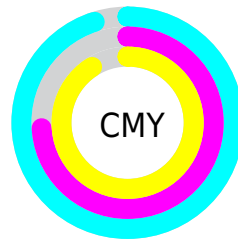


Cyan (79%)

Magenta (0%)

Yellow (65%)

Black (74%)



Cyan (95%)

Magenta (74%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E4217 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 0E4217 by changing the saturation by 10% instead.





0E4217



0E4217

FEFFFD



002B00



417343



001600



5A8C5B



000000



74A774



8EC28E



A9DEA8



C5FBC4



E1FFE0



0E4217



0E4217

■ 074212

■ 15421C

■ 01420C

■ 1B4222

■ 00420B

■ 224227

■ 28422D

■ 2F4232

■ 364238

■ 3C423D

■ 434243

■ 494248

# Harmonies

## Analogous

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



333D01



0E4217



004431

# Triad

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



0E4217



003E6C



672027

# Complementary

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



0E4217



420E39

# 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.



641F40



0E4217



2B3569

# Square

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



0E4217



004362



522959



5D2A0F

# Rectangle

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



0E4217



004543



522959



671F2F



# Sweetspot

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



0E4217



425745



39420E



1F2B21



ABABAB



2B2B2B



# Same Dimension

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



0E4217



045713



0E4231



1E211E



006111



00E027



# Inverse Universe

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



420E39



570448



420E1F



211E21



610050

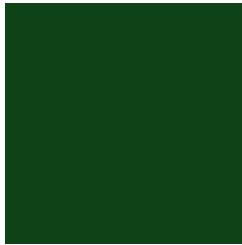


E000BA



# Previews

## White Background



This preview shows how the Hex color 0E4217 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

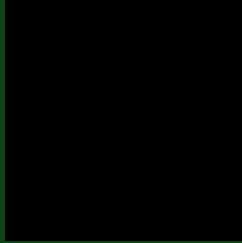
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E4217 Background



This preview shows how black text looks on a background with the Hex color 0E4217.



This preview shows how white text looks on a background with the Hex color 0E4217.

# 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](#).

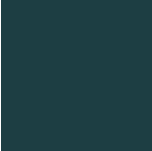
## Dichromacy



**Original Color**  
0E4217

**Protanopia**  
403914

**Deuteranopia**  
46361B



**Tritanopia**  
1D3E43

# Trichromacy



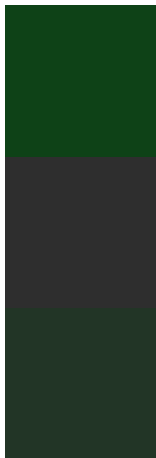
**Original Color**  
0E4217

**Protanomaly**  
2E3C15

**Deuteranomaly**  
323A1A

**Tritanomaly**  
183F33

# Monochromacy



**Original Color**  
0E4217

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
223526

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E4217 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 #0E4217 looks like.

```
.text, #text, p{  
    color:#0E4217  
}
```

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 #0E4217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E4217
}
```

## Border

The CSS property to change the border of an element to Hex 0E4217 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
#0E4217 }
```

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

```
.border{ border-color:#0E4217 }
```

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

Here you see how a box with a 4 pixel #0E4217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E4217; -webkit-box-shadow:4px 4px  
4px 4px #0E4217; box-shadow:4px 4px 4px  
4px #0E4217 }
```

# Background

The CSS property to change the background color of an element to Hex 0E4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E4217 }
```

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

```
.background{ background-color:#0E4217 }
```

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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