

# Converting Colors

Hex(0E4201)

Have a look what the booklet for  
Hex(0E4201) contains.

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# Color

**Hex(0E4201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E4201
RGB	14, 66, 1
RGB Percent	5%, 26%, 0%
CMY	0.9451, 0.7412, 0.9961
CMYK	0.79, 0.00, 0.98, 0.74
HSL	108°, 97%, 13%
HSV	108°, 98%, 26%
XYZ	2.1348, 3.9920, 0.6867
YIQ	43.0420, -10.1270, -31.2390

# Conversions

## Conversions Part 2

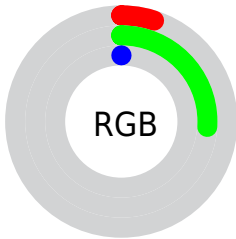
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 66, 53
Decimal	934401
CIE <sub>Lab</sub>	23.64, -29.81, 30.94
CIE <sub>LCh</sub>	24, 42.968, 133.931
Yxy	3.9920, 0.3133, 0.5859
Android (android.graphics.Color)	4279124481 (0xFF0E4201)
YUV	43.0420, -20.7267, -25.4698
Hunter-Lab	19.9799, -15.8927, 11.9481

# Details

The Hex color **0E4201** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **350142**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **427331**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **0D4200**, and if you desaturate by 10%, it is **134208**.

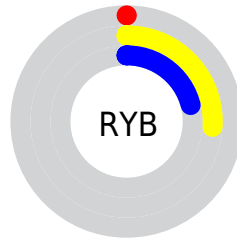
# Distribution



Red (5%)

Green (26%)

Blue (0%)



Red (0%)

Yellow (26%)

Blue (21%)

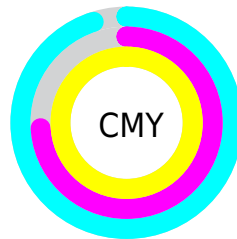


Cyan (79%)

Magenta (0%)

Yellow (98%)

Black (74%)



Cyan (95%)

Magenta (74%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E4201 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 0E4201 by changing the saturation by 10% instead.



 0E4201

 0E4201

 FFFFE8

 002B00

 427331

 001500

 5C8D49

 000000

 76A761

 90C27B

 ABDF95

 C7FBB0

 E4FFCB

 0E4201

 0E4201

■ 0D4200

■ 134208

■ 19420E

■ 1E4215

■ 23421B

■ 284222

■ 2E4229

■ 33422F

■ 384236

■ 3E423C

# Harmonies

## Analogous

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



393B00



0E4201



004525

# Triad

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



0E4201



004177



70102B

# Complementary

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



0E4201



350142

# 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.



68154B



0E4201



003778

# Square

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



0E4201



004565



4C2867



68200B

# Rectangle

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



0E4201



00463C



4C2867



6F0E36



# Sweetspot

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



0E4201



42573D



423501



1F2B1C



ABABAB



2B2B2B



# Same Dimension

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



0E4201



115700



014215



1E211E



136100



2DE000



# Inverse Universe

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



350142



450057



42012F



201E21



4E0061

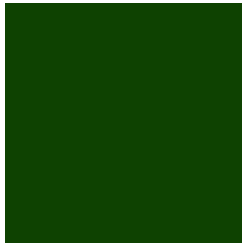


B400E0



# Previews

## White Background



This preview shows how the Hex color 0E4201 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

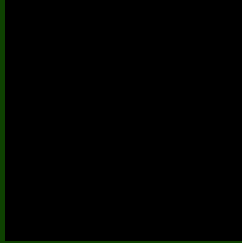
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E4201 Background



This preview shows how black text looks on a background with the Hex color 0E4201.



This preview shows how white text looks on a background with the Hex color 0E4201.

# 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**  
0E4201

**Protanopia**  
403900

**Deuteranopia**  
47360E



**Tritanopia**  
1E3D42

# Trichromacy



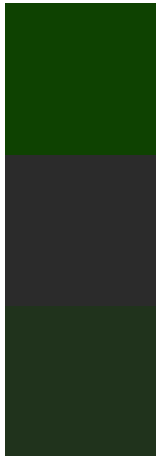
**Original Color**  
0E4201

**Protanomaly**  
2E3C00

**Deuteranomaly**  
323A09

**Tritanomaly**  
183F2A

# Monochromacy



**Original Color**  
0E4201

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
20331C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E4201 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 #0E4201 looks like.

```
.text, #text, p{  
    color:#0E4201  
}
```

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 #0E4201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E4201
}
```

## Border

The CSS property to change the border of an element to Hex 0E4201 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
#0E4201 }
```

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

```
.border{ border-color:#0E4201 }
```

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

Here you see how a box with a 4 pixel #0E4201 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E4201; -webkit-box-shadow:4px 4px  
4px 4px #0E4201; box-shadow:4px 4px 4px  
4px #0E4201 }
```

# Background

The CSS property to change the background color of an element to Hex 0E4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E4201 }
```

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

```
.background{ background-color:#0E4201 }
```

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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