

# Converting Colors

Hex(032411)

Have a look what the booklet for  
Hex(032411) contains.

<b>Hex(032411)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(032411)**

# Conversions

## Conversions Part 1

Format	Color
Hex	032411
RGB	3, 36, 17
RGB Percent	1%, 14%, 7%
CMY	0.9882, 0.8588, 0.9333
CMYK	0.92, 0.00, 0.53, 0.86
HSL	145°, 85%, 8%
HSV	145°, 92%, 14%
XYZ	0.7696, 1.3216, 0.7448
YIQ	23.9670, -13.5690, -12.9050

# Conversions

## Conversions Part 2

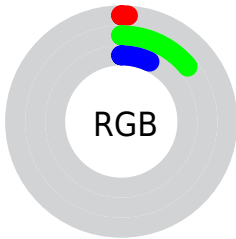
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 26, 36
Decimal	205841
CIE <sub>Lab</sub>	11.43, -17.72, 9.05
CIE <sub>LCh</sub>	11, 19.897, 152.960
Yxy	1.3216, 0.2714, 0.4660
Android (android.graphics.Color)	4278395921 (0xFF032411)
YUV	23.9670, -3.4347, -18.3881
Hunter-Lab	11.4960, -8.1682, 4.2057

# Details

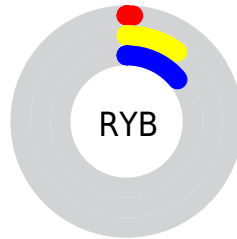
The Hex color **032411** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **240316**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **30513B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00240F**, and if you desaturate by 10%, it is **072413**.

# Distribution



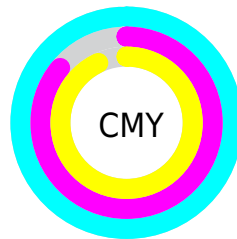
- Red (1%)
- Green (14%)
- Blue (7%)



- Red (1%)
- Yellow (10%)
- Blue (14%)



- Cyan (92%)
- Magenta (0%)
- Yellow (53%)
- Black (86%)



- Cyan (99%)
- Magenta (86%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 032411 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 032411 by changing the saturation by 10% instead.



 032411

 032411

 E5FFF1

 000A00

 30513B

 000000

 476952

 5F836B

 799D84

 93B89E

 ADD3B9

 C9F0D5

 032411

 032411

■ 00240F

■ 072413

■ 0A2415

■ 0E2417

■ 112419

■ 15241B

■ 19241D

■ 1C2420

■ 202422

■ 232424

# Harmonies

## Analogous

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



182200



032411



00251F

# Triad

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



032411



031F39



36140F

# Complementary

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



032411



240316

# 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.



37121E



032411



211A35

# Square

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



032411



002336



30152B



301900

# Rectangle

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



032411



002529



30152B



371314



# Sweetspot

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



032411



212E27



162403



0F1712



969696



171717



# Same Dimension

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



032411



002E13



032421



101211



005223



00D159



# Inverse Universe

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



240316



2E001A



240306



121011



52002F

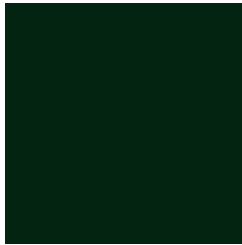


D10078



# Previews

## White Background



This preview shows how the Hex color 032411 looks on a white background.

## Color Contrast Check

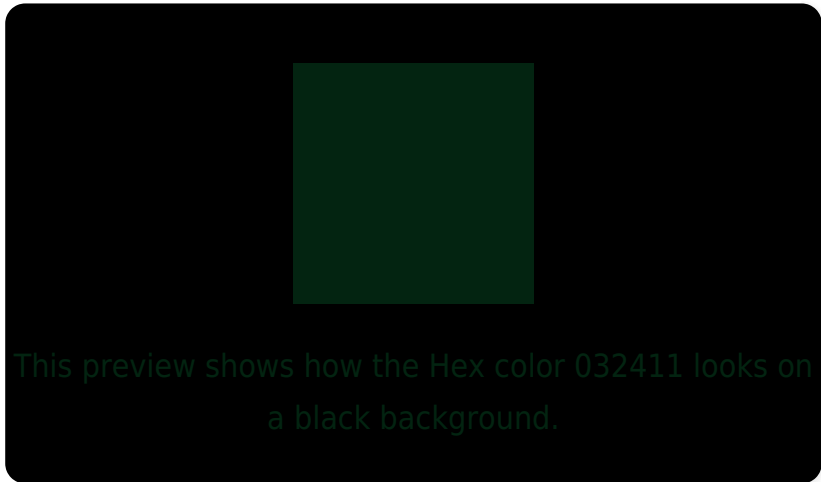
Large Text (above 18pt) WCAG AA ✓ Pass

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

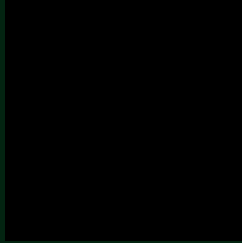
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 032411 Background



This preview shows how black text looks on a background with the Hex color 032411.



This preview shows how white text looks on a background with the Hex color 032411.

# 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**  
032411

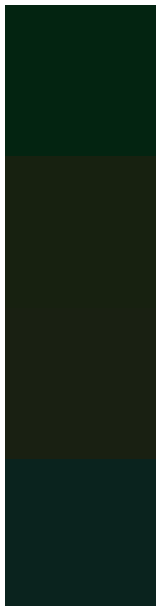
**Protanopia**  
221F0F

**Deuteranopia**  
261E13



**Tritanopia**  
0E2225

# Trichromacy



**Original Color**

032411

**Protanomaly**

172110

**Deuteranomaly**

192012

**Tritanomaly**

0A231E

# Monochromacy



**Original Color**

032411

**Achromatopsia**

181818

**Achromatomaly**

101C15

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 032411 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 #032411 looks like.

```
.text, #text, p{  
    color:#032411  
}
```

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 #032411 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #032411
}
```

## Border

The CSS property to change the border of an element to Hex 032411 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
#032411 }
```

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

```
.border{ border-color:#032411 }
```

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

Here you see how a box with a 4 pixel #032411 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #032411; -webkit-box-shadow:4px 4px  
4px 4px #032411; box-shadow:4px 4px 4px  
4px #032411 }
```

# Background

The CSS property to change the background color of an element to Hex 032411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#032411 }
```

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

```
.background{ background-color:#032411 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor