

# Converting Colors

Hex(041511)

Have a look what the booklet for  
Hex(041511) contains.

|  |    |
|--|----|
| <b>Hex(041511)</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(041511)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 041511                    |
| RGB         | 4, 21, 17                 |
| RGB Percent | 2%, 8%, 7%                |
| CMY         | 0.9843, 0.9176, 0.9333    |
| CMYK        | 0.81, 0.00, 0.19, 0.92    |
| HSL         | 166°, 68%, 5%             |
| HSV         | 166°, 81%, 8%             |
| XYZ         | 0.4194, 0.6026, 0.6245    |
| YIQ         | 15.4610, -8.8480, -4.8480 |

# Conversions

## Conversions Part 2

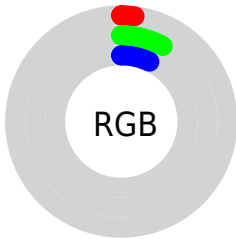
| <b>Format</b>                       | <b>Color</b>                                  |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">4, 14, 21</a>                     |
| Decimal                             | <a href="#">267537</a>                        |
| CIELab                              | <a href="#">5.44, -6.28, 0.45</a>             |
| CIElCh                              | <a href="#">5, 6.298, 175.882</a>             |
| Yxy                                 | <a href="#">0.6026, 0.2547,<br/>0.3660</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4278457617<br/>(0xFF041511)</a>   |
| YUV                                 | <a href="#">15.4610, 0.7587,<br/>-10.0513</a> |
| Hunter-Lab                          | <a href="#">7.7628, -3.9409,<br/>0.6641</a>   |

# Details

The Hex color **041511** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **150408**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **323F3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **021511**, and if you desaturate by 10%, it is **061511**.

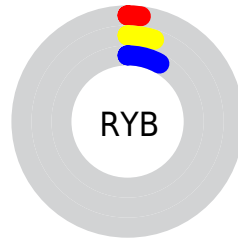
# Distribution



Red (2%)

Green (8%)

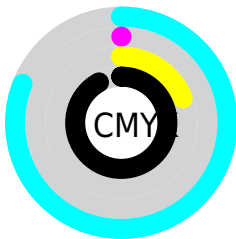
Blue (7%)



Red (2%)

Yellow (5%)

Blue (8%)

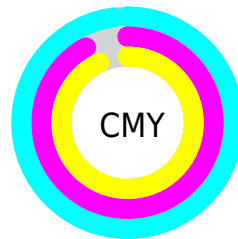


Cyan (81%)

Magenta (0%)

Yellow (19%)

Black (92%)



Cyan (98%)

Magenta (92%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 041511 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 041511 by changing the saturation by 10% instead.



■ 041511

■ 041511

■ E5F6F1

■ 000000

■ 323F3B

■ 495652

■ 606F6B

■ 798884

■ 93A29E

■ AEBDB9

■ C9D9D4

■ 041511

■ 041511

■ 021511

■ 061511

■ 001510

■ 081512

■ 0A1512

■ 0C1513

■ 0E1513

■ 111514

■ 131514

■ 151515

■ 171515

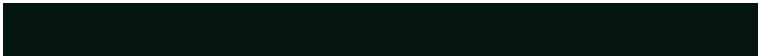
# Harmonies

## Analogous

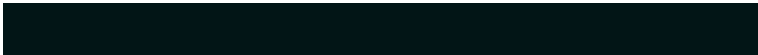
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0A140B



041511



021516

# Triad

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



041511



12111A



1A1007

# Complementary

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



041511



150408

# 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.



1C0F0D



041511



180F17

# Square

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



041511



0B131B



1B0E13



171105

# Rectangle

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



041511



031418



1B0E13



1B0F09



# Sweetspot

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



041511



151C1A



081504



0B0F0E



8F8F8F



0F0F0F



# Same Dimension

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



041511



011C16



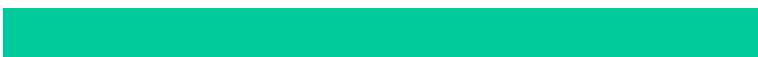
041115



090A0A



004A39



00C99A



# Inverse Universe

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



150408



1C0107



150804



0A0909



4A0011

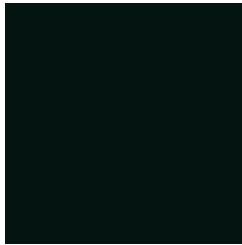


C9002F



# Previews

## White Background



This preview shows how the Hex color 041511 looks on a white background.

## Color Contrast Check

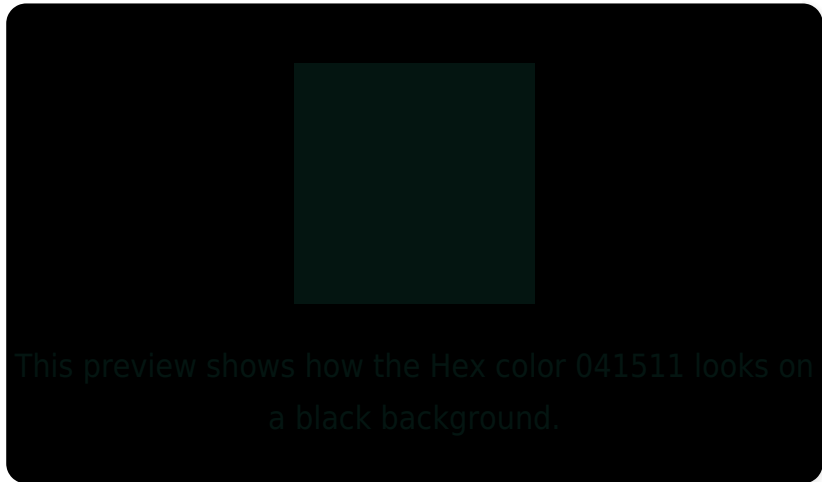
Large Text (above 18pt) WCAG AA ✓ Pass

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

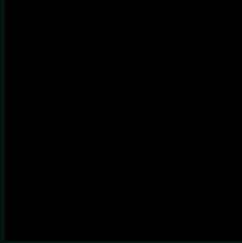
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 041511 Background



This preview shows how black text looks on a background with the Hex color 041511.



This preview shows how white text looks on a background with the Hex color 041511.

# 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**  
041511

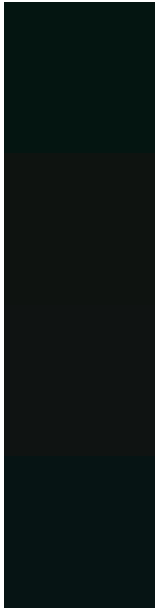
**Protanopia**  
131210

**Deuteranopia**  
151212



**Tritanopia**  
071416

# Trichromacy



**Original Color**  
041511

**Protanomaly**  
0E1310

**Deuteranomaly**  
0F1312

**Tritanomaly**  
061414

# Monochromacy



**Original Color**  
041511

**Achromatopsia**  
0F0F0F

**Achromatomaly**  
0B1110

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 041511 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 #041511 looks like.

```
.text, #text, p{  
    color:#041511  
}
```

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 #041511 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #041511
}
```

## Border

The CSS property to change the border of an element to Hex 041511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

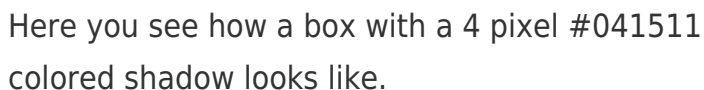
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#041511 }
```

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

```
.border{ border-color:#041511 }
```

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



Here you see how a box with a 4 pixel #041511 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #041511; -webkit-box-shadow:4px 4px  
4px 4px #041511; box-shadow:4px 4px 4px  
4px #041511 }
```

# Background

The CSS property to change the background color of an element to Hex 041511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#041511 }
```

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

```
.background{ background-color:#041511 }
```

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