

# Converting Colors

Hex(044215)

Have a look what the booklet for  
Hex(044215) contains.

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# Color

Hex(044215)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	044215
RGB	4, 66, 21
RGB Percent	2%, 26%, 8%
CMY	0.9843, 0.7412, 0.9176
CMYK	0.94, 0.00, 0.68, 0.74
HSL	136°, 89%, 14%
HSV	136°, 94%, 26%
XYZ	2.1336, 3.9764, 1.3645
YIQ	42.3320, -22.5070, -27.1390

# Conversions

## Conversions Part 2

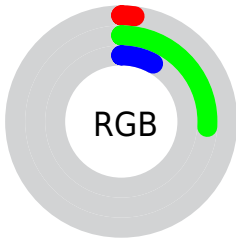
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 53, 66
Decimal	279061
CIE <sub>Lab</sub>	23.59, -29.61, 21.81
CIE <sub>LCh</sub>	24, 36.777, 143.630
Y <sub>xy</sub>	3.9764, 0.2855, 0.5320
Android (android.graphics.Color)	4278469141 (0xFF044215)
YUV	42.3320, -10.5167, -33.6172
Hunter-Lab	19.9409, -15.7973, 9.9015

# Details

The Hex color **044215** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **420431**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3C7341**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **004212**, and if you desaturate by 10%, it is **0B421A**.

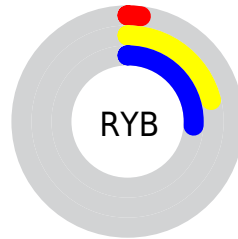
# Distribution



Red (2%)

Green (26%)

Blue (8%)



Red (2%)

Yellow (21%)

Blue (26%)

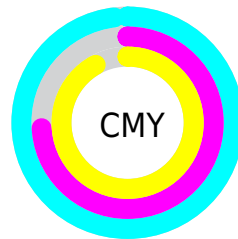


Cyan (94%)

Magenta (0%)

Yellow (68%)

Black (74%)



Cyan (98%)

Magenta (74%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 044215 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 044215 by changing the saturation by 10% instead.



 044215

 044215

 F9FFFA

 002B00

 3C7341

 001500

 558D59

 000000

 6FA772

 89C38C

 A4DFA6

 C0FBC2

 DCFEDE

 044215

 044215

■ 004212

■ 0B421A

■ 11421F

■ 184223

■ 1E4228

■ 25422D

■ 2C4232

■ 324237

■ 39423B

■ 3F4240

# Harmonies

## Analogous

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



303D00



044215



004431

# Triad

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



044215



003D6F



681D24

# Complementary

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



044215



420431

# 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.



661B3F



044215



2B336B

# Square

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



044215



004364



532659



5E290A

# Rectangle

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



044215



004544



532659



691B2D



# Sweetspot

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



044215



3E5745



314204



1D2B21



ABABAB



2B2B2B



# Same Dimension

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



044215



005718



044234



1E211F



00611B



00E03E



# Inverse Universe

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



420431



57003F



420412



211E20



610046



E000A3



# Previews

## White Background



This preview shows how the Hex color 044215 looks on a white background.

## Color Contrast Check

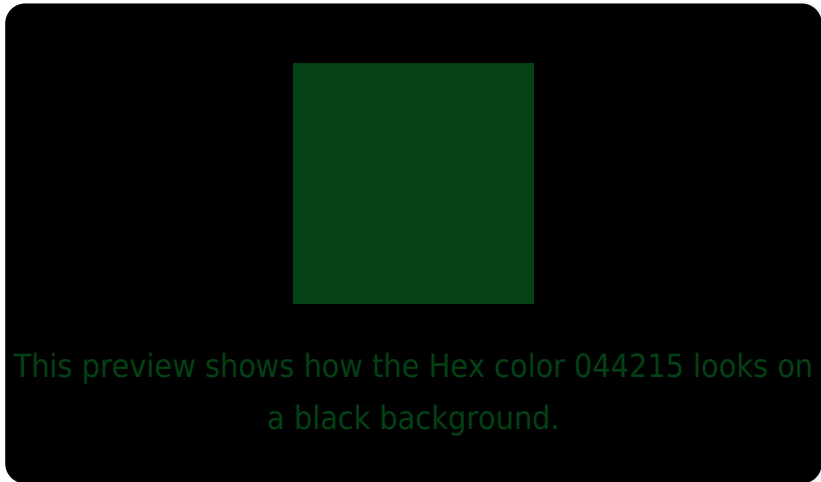
Large Text (above 18pt) WCAG AA ✓ Pass

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

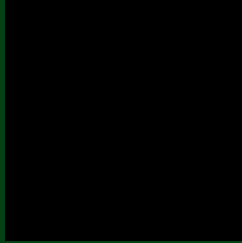
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 044215 Background



This preview shows how black text looks on a background with the Hex color 044215.



This preview shows how white text looks on a background with the Hex color 044215.

# 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](#).

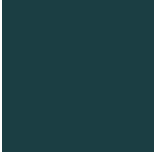
## Dichromacy



**Original Color**  
044215

**Protanopia**  
3F3912

**Deuteranopia**  
463619



**Tritanopia**  
1B3E43

# Trichromacy



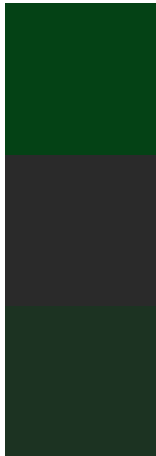
**Original Color**  
044215

**Protanomaly**  
2A3C13

**Deuteranomaly**  
2E3A18

**Tritanomaly**  
133F32

# Monochromacy



**Original Color**  
044215

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
1C3322

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 044215 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 #044215 looks like.

```
.text, #text, p{  
    color:#044215  
}
```

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 #044215 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044215
}
```

## Border

The CSS property to change the border of an element to Hex 044215 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
#044215 }
```

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

```
.border{ border-color:#044215 }
```

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

Here you see how a box with a 4 pixel #044215 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044215; -webkit-box-shadow:4px 4px  
4px 4px #044215; box-shadow:4px 4px 4px  
4px #044215 }
```

# Background

The CSS property to change the background color of an element to Hex 044215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044215 }
```

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

```
.background{ background-color:#044215 }
```

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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