

Converting Colors

Hex(004215)

Have a look what the booklet for
Hex(004215) contains.

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Color

Hex(004215)

Conversions

Conversions Part 1

Format	Color
Hex	004215
RGB	0, 66, 21
RGB Percent	0%, 26%, 8%
CMY	1.0000, 0.7412, 0.9176
CMYK	1.00, 0.00, 0.68, 0.74
HSL	139°, 100%, 13%
HSV	139°, 100%, 26%
XYZ	2.0836, 3.9506, 1.3622
YIQ	41.1360, -24.8910, -27.9870

Conversions

Conversions Part 2

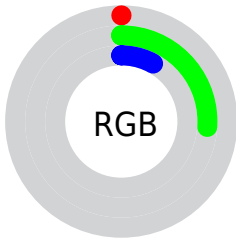
Format	Color
RYB	0, 50, 66
Decimal	16917
CIELab	23.51, -30.36, 21.69
CIELCh	24, 37.306, 144.456
Yxy	3.9506, 0.2817, 0.5341
Android (android.graphics.Color)	4278206997 (0xFF004215)
YUV	41.1360, -9.9270, -36.0763
Hunter-Lab	19.8760, -16.0712, 9.8498

Details

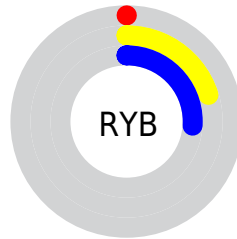
The Hex color **004215** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **42002D**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **397341**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **004215**, and if you desaturate by 10%, it is **07421A**.

Distribution



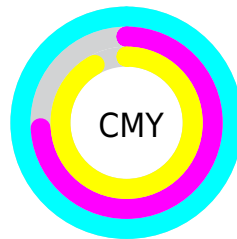
- Red (0%)
- Green (26%)
- Blue (8%)



- Red (0%)
- Yellow (20%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004215 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 004215 by changing the saturation by 10% instead.

 004215

 004215

 F7FFFA

 002B00

 397341

 001500

 538D59

 000000

 6DA772

 87C38C

 A2DFA6

 BEFCC1

 DAFFDD

 004215

■ 07421A

■ 0D421E

■ 144223

■ 1A4227

■ 21422C

■ 284230

■ 2E4235

■ 354239

■ 3B423E

Harmonies

Analogous

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



2F3D00



004215



004432

Triad

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



004215



003D70



681D23

Complementary

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



004215



42002D

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.



661A3E



004215



2C336B

Square

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



004215



004365



542559



5D2908

Rectangle

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



004215



004545



542559



691A2C

Sweetspot

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



004215



3D5745



2D4200



1C2B21



ABABAB



2B2B2B

Same Dimension

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



004215



00571C



004236



1E211F



00611F



00E047

Inverse Universe

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



42002D



57003B



42000C



211E20



610042



E00099

Previews

White Background



This preview shows how the Hex color 004215 looks on a white background.

Color Contrast Check

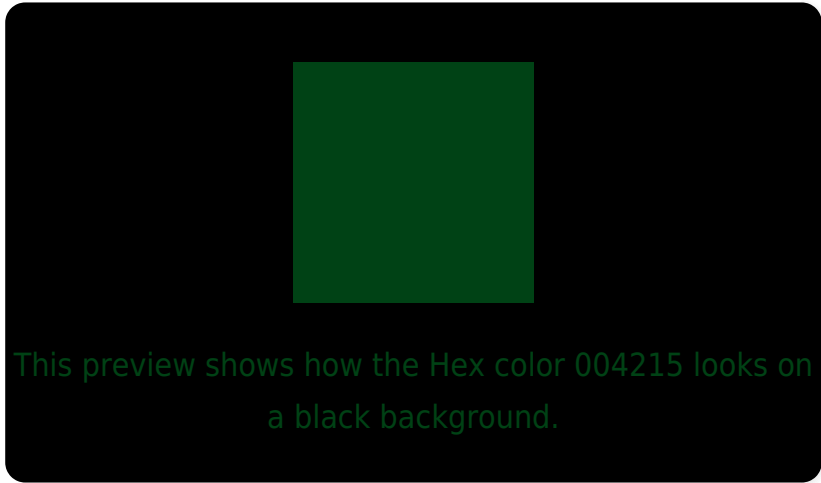
Large Text (above 18pt) WCAG AA ✓ Pass

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

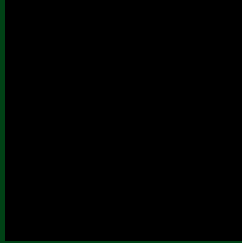
Any Text WCAG AA × Fail

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 004215 Background



This preview shows how black text looks on a background with the Hex color 004215.



This preview shows how white text looks on a background with the Hex color 004215.

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](#).

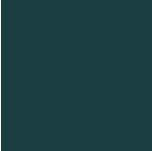
Dichromacy



Original Color
004215

Protanopia
3F3912

Deuteranopia
463619



Tritanopia
1B3E43

Trichromacy



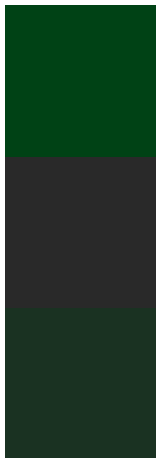
Original Color
004215

Protanomaly
283C13

Deuteranomaly
2D3A18

Tritanomaly
113F32

Monochromacy



Original Color
004215

Achromatopsia
292929

Achromatomaly
1A3222

CSS Examples

Text

The CSS property to change the color of the text to Hex 004215 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 #004215 looks like.

```
.text, #text, p{  
    color:#004215  
}
```

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 #004215 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004215
}
```

Border

The CSS property to change the border of an element to Hex 004215 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
#004215 }
```

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

```
.border{ border-color:#004215 }
```

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

Here you see how a box with a 4 pixel #004215 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004215; -webkit-box-shadow:4px 4px  
4px 4px #004215; box-shadow:4px 4px 4px  
4px #004215 }
```

Background

The CSS property to change the background color of an element to Hex 004215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004215 }
```

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

```
.background{ background-color:#004215 }
```

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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