

Converting Colors

Hex(004213)

Have a look what the booklet for
Hex(004213) contains.

Hex(004213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(004213)

Conversions

Conversions Part 1

Format	Color
Hex	004213
RGB	0, 66, 19
RGB Percent	0%, 26%, 7%
CMY	1.0000, 0.7412, 0.9255
CMYK	1.00, 0.00, 0.71, 0.74
HSL	137°, 100%, 13%
HSV	137°, 100%, 26%
XYZ	2.0658, 3.9434, 1.2684
YIQ	40.9080, -24.2490, -28.6090

Conversions

Conversions Part 2

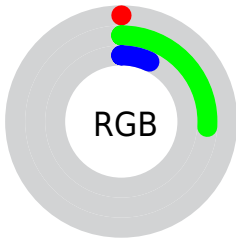
Format	Color
RYB	0, 51, 66
Decimal	16915
CIELab	23.48, -30.65, 22.74
CIELCh	23, 38.165, 143.433
Yxy	3.9434, 0.2839, 0.5419
Android (android.graphics.Color)	4278206995 (0xFF004213)
YUV	40.9080, -10.8006, -35.8763
Hunter-Lab	19.8581, -16.1831, 10.1137

Details

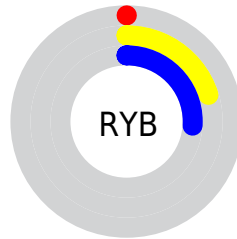
The Hex color **004213** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **42002F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3A7340**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **004213**, and if you desaturate by 10%, it is **074218**.

Distribution



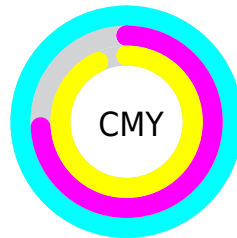
- Red (0%)
- Green (26%)
- Blue (7%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004213 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 004213 by changing the saturation by 10% instead.

 004213

 004213

 F7FFF8

 002B00

 3A7340

 001400

 538D57

 000000

 6DA770

 87C38A

 A2DFA4

 BEFCBF

 DAFFDB

 004213

■ 074218

■ 0D421C

■ 144221

■ 1A4226

■ 21422B

■ 28422F

■ 2E4234

■ 354239

■ 3B423D

Harmonies

Analogous

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



303D00



004213



004431

Triad

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



004213



003D71



691B23

Complementary

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



004213



42002F

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.



67193F



004213



29336D

Square

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



004213



004366



54255A



5E2807

Rectangle

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



004213



004544



54255A



6A192C

Sweetspot

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



004213



3D5744



2F4200



1C2B20



ABABAB



2B2B2B

Same Dimension

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



004213



005719



004234



1E211F



00611C



00E041

Inverse Universe

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



42002F



57003E



42000E



211E20



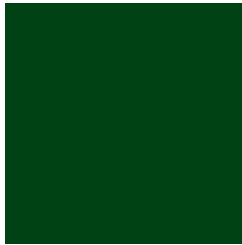
610045



E000A0

Previews

White Background



This preview shows how the Hex color 004213 looks on a white background.

Color Contrast Check

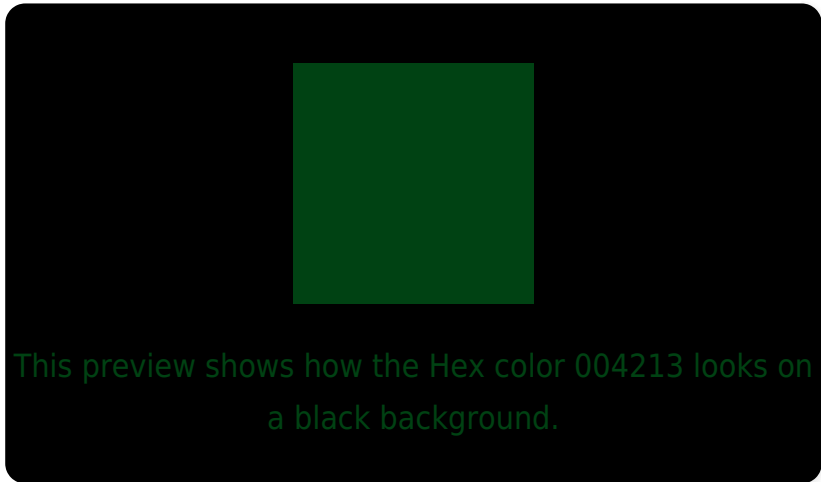
Large Text (above 18pt) WCAG AA ✓ Pass

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

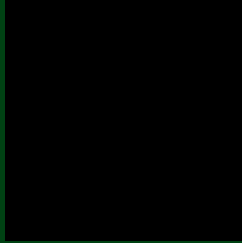
Any Text WCAG AA × Fail

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 004213 Background



This preview shows how black text looks on a background with the Hex color 004213.



This preview shows how white text looks on a background with the Hex color 004213.

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](#).

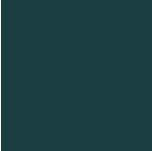
Dichromacy



Original Color
004213

Protanopia
3F3911

Deuteranopia
463617



Tritanopia
1B3E43

Trichromacy



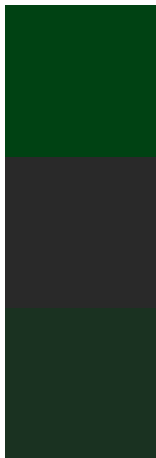
Original Color
004213

Protanomaly
283C12

Deuteranomaly
2D3A16

Tritanomaly
113F32

Monochromacy



Original Color
004213

Achromatopsia
292929

Achromatomaly
1A3221

CSS Examples

Text

The CSS property to change the color of the text to Hex 004213 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 #004213 looks like.

```
.text, #text, p{  
    color:#004213  
}
```

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 #004213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004213
}
```

Border

The CSS property to change the border of an element to Hex 004213 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
#004213 }
```

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

```
.border{ border-color:#004213 }
```

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

Here you see how a box with a 4 pixel #004213 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004213; -webkit-box-shadow:4px 4px  
4px 4px #004213; box-shadow:4px 4px 4px  
4px #004213 }
```

Background

The CSS property to change the background color of an element to Hex 004213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004213 }
```

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

```
.background{ background-color:#004213 }
```

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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