

Converting Colors

Hex(003213)

Have a look what the booklet for
Hex(003213) contains.

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Color

Hex(003213)

Conversions

Conversions Part 1

Format	Color
Hex	003213
RGB	0, 50, 19
RGB Percent	0%, 20%, 7%
CMY	1.0000, 0.8039, 0.9255
CMYK	1.00, 0.00, 0.62, 0.80
HSL	143°, 100%, 10%
HSV	143°, 100%, 20%
XYZ	1.2581, 2.3282, 0.9992
YIQ	31.5160, -19.8490, -20.2410

Conversions

Conversions Part 2

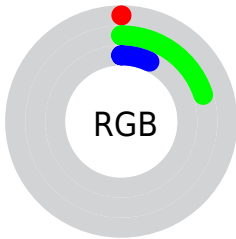
Format	Color
RYB	0, 36, 50
Decimal	12819
CIELab	17.12, -24.50, 15.24
CIElCh	17, 28.848, 148.117
Yxy	2.3282, 0.2744, 0.5077
Android (android.graphics.Color)	4278202899 (0xFF003213)
YUV	31.5160, -6.1704, -27.6395
Hunter-Lab	15.2585, -11.9841, 6.7985

Details

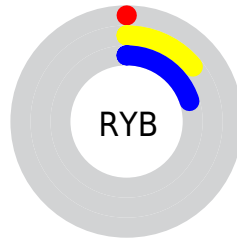
The Hex color **003213** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **32001F**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **33613E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003213**, and if you desaturate by 10%, it is **053216**.

Distribution



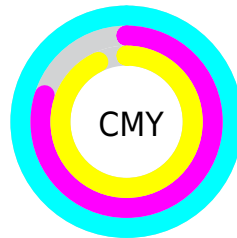
- Red (0%)
- Green (20%)
- Blue (7%)



- Red (0%)
- Yellow (14%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003213 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 003213 by changing the saturation by 10% instead.

 003213

 003213

 ECFF5

 001E00

 33613E

 000000

 4B7A55

 64946E

 7EAF87

 98CAA1

 B4E7BD

 CFFFD8

 003213

■ 053216

■ 0A3219

■ 0F321C

■ 14321F

■ 193223

■ 1E3226

■ 233229

■ 28322C

■ 2D322F

Harmonies

Analogous

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



222F00



003213



003428

Triad

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



003213



002D54



4E1818

Complementary

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



003213



32001F

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.



4E152C



003213



27254F

Square

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



003213



00324D



421C40



452002

Rectangle

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



003213



003436



421C40



4F161F

Sweetspot

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



003213



2D4034



203200



15211A



A1A1A1



212121

Same Dimension

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



003213



004018



00322B



171A18



005922



00D952

Inverse Universe

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



32001F



400028



320007



1A1719



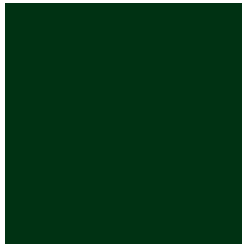
590037



D90086

Previews

White Background



This preview shows how the Hex color 003213 looks on a white background.

Color Contrast Check

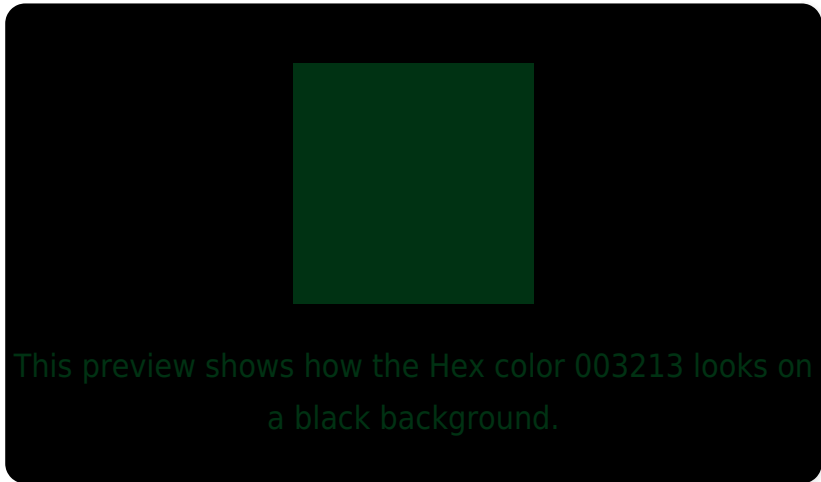
Large Text (above 18pt) WCAG AA ✓ Pass

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

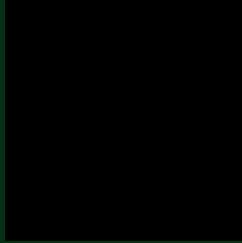
Any Text WCAG AA × Fail

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 003213 Background



This preview shows how black text looks on a background with the Hex color 003213.



This preview shows how white text looks on a background with the Hex color 003213.

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
003213

Protanopia
302B11

Deuteranopia
352916



Tritanopia
142F33

Trichromacy



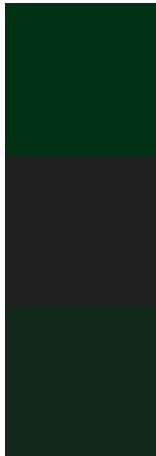
Original Color
003213

Protanomaly
1F2E12

Deuteranomaly
222C15

Tritanomaly
0D3027

Monochromacy



Original Color
003213

Achromatopsia
202020

Achromatomaly
14271B

CSS Examples

Text

The CSS property to change the color of the text to Hex 003213 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 #003213 looks like.

```
.text, #text, p{  
    color:#003213  
}
```

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 #003213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003213
}
```

Border

The CSS property to change the border of an element to Hex 003213 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
#003213 }
```

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

```
.border{ border-color:#003213 }
```

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

Here you see how a box with a 4 pixel #003213 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003213; -webkit-box-shadow:4px 4px  
4px 4px #003213; box-shadow:4px 4px 4px  
4px #003213 }
```

Background

The CSS property to change the background color of an element to Hex 003213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003213 }
```

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

```
.background{ background-color:#003213 }
```

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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