

Converting Colors

Hex(004209)

Have a look what the booklet for
Hex(004209) contains.

Hex(004209)	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(004209)

Conversions

Conversions Part 1

Format	Color
Hex	004209
RGB	0, 66, 9
RGB Percent	0%, 26%, 4%
CMY	1.0000, 0.7412, 0.9647
CMYK	1.00, 0.00, 0.86, 0.74
HSL	128°, 100%, 13%
HSV	128°, 100%, 26%
XYZ	1.9975, 3.9162, 0.9091
YIQ	39.7680, -21.0390, -31.7190

Conversions

Conversions Part 2

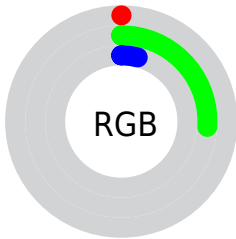
Format	Color
RYB	0, 58, 66
Decimal	16905
CIELab	23.39, -31.81, 27.33
CIELCh	23, 41.939, 139.336
Yxy	3.9162, 0.2928, 0.5740
Android (android.graphics.Color)	4278206985 (0xFF004209)
YUV	39.7680, -15.1686, -34.8765
Hunter-Lab	19.7893, -16.6135, 11.1289

Details

The Hex color **004209** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **420039**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **3A7337**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **004209**, and if you desaturate by 10%, it is **07420F**.

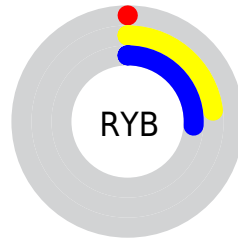
Distribution



Red (0%)

Green (26%)

Blue (4%)



Red (0%)

Yellow (23%)

Blue (26%)

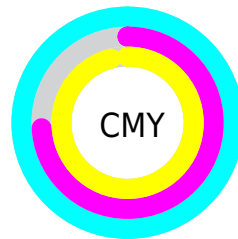


Cyan (100%)

Magenta (0%)

Yellow (86%)

Black (74%)



Cyan (100%)

Magenta (74%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004209 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 004209 by changing the saturation by 10% instead.

 004209

 004209

 F8FFEE

 002B00

 3A7337

 001400

 548D4F

 000000

 6EA767

 88C381

 A3DF9B

 BFFCB6

 DBFFD2

 004209

■ 07420F

■ 0D4214

■ 14421A

■ 1A4220

■ 214226

■ 28422B

■ 2E4231

■ 354237

■ 3B423C

Harmonies

Analogous

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



333C00



004209



00452B

Triad

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



004209



003F76



6E1325

Complementary

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



004209



420039

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.



691344



004209



163474

Square

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



004209



004467



512461



632405

Rectangle

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



004209



004541



512461



6E102F

Sweetspot

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



004209



3D5740



394200



1C2B1E



ABABAB



2B2B2B

Same Dimension

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



004209



00570C



00422A



1E211E



00610D



00E01F

Inverse Universe

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



420039



57004B



420018



211E21



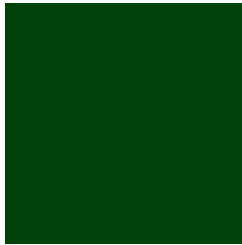
610054



E000C2

Previews

White Background



This preview shows how the Hex color 004209 looks on a white background.

Color Contrast Check

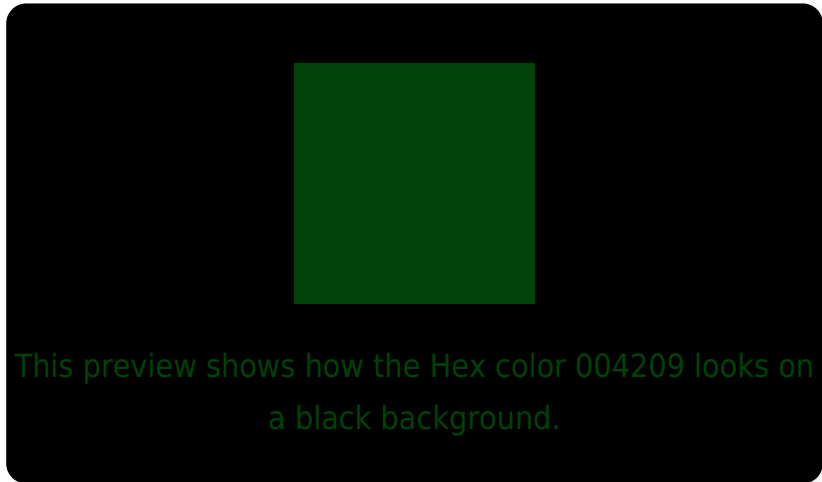
Large Text (above 18pt) WCAG AA ✓ Pass

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

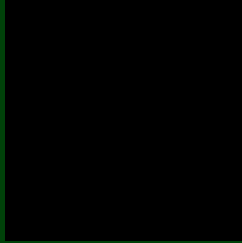
Any Text WCAG AA × Fail

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 004209 Background



This preview shows how black text looks on a background with the Hex color 004209.



This preview shows how white text looks on a background with the Hex color 004209.

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
004209

Protanopia
403906

Deuteranopia
473611



Tritanopia
1C3D42

Trichromacy



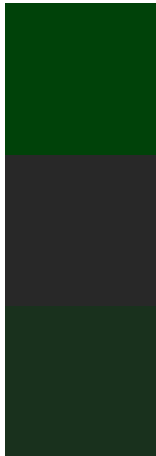
Original Color
004209

Protanomaly
293C07

Deuteranomaly
2D3A0E

Tritanomaly
123F2D

Monochromacy



Original Color
004209

Achromatopsia
282828

Achromatomaly
19311D

CSS Examples

Text

The CSS property to change the color of the text to Hex 004209 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 #004209 looks like.

```
.text, #text, p{  
    color:#004209  
}
```

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 #004209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004209
}
```

Border

The CSS property to change the border of an element to Hex 004209 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
#004209 }
```

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

```
.border{ border-color:#004209 }
```

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

Here you see how a box with a 4 pixel #004209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004209; -webkit-box-shadow:4px 4px  
4px 4px #004209; box-shadow:4px 4px 4px  
4px #004209 }
```

Background

The CSS property to change the background color of an element to Hex 004209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004209 }
```

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

```
.background{ background-color:#004209 }
```

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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