

Converting Colors

Hex(033209)

Have a look what the booklet for
Hex(033209) contains.

Hex(033209)	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(033209)

Conversions

Conversions Part 1

Format	Color
Hex	033209
RGB	3, 50, 9
RGB Percent	1%, 20%, 4%
CMY	0.9882, 0.8039, 0.9647
CMYK	0.94, 0.00, 0.82, 0.80
HSL	128°, 89%, 10%
HSV	128°, 94%, 20%
XYZ	1.2275, 2.3203, 0.6416
YIQ	31.2730, -14.8510, -22.7150

Conversions

Conversions Part 2

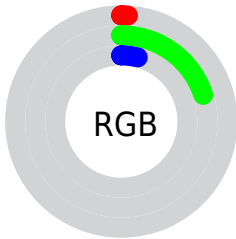
Format	Color
RYB	3, 45, 50
Decimal	209417
CIELab	17.09, -25.30, 20.28
CIELCh	17, 32.427, 141.287
Yxy	2.3203, 0.2930, 0.5539
Android (android.graphics.Color)	4278399497 (0xFF033209)
YUV	31.2730, -10.9806, -24.7954
Hunter-Lab	15.2325, -12.2730, 8.1654

Details

The Hex color **033209** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **32032C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **356135**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003206**, and if you desaturate by 10%, it is **08320D**.

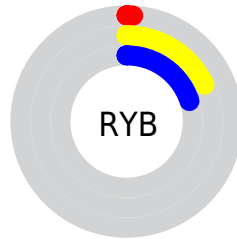
Distribution



Red (1%)

Green (20%)

Blue (4%)



Red (1%)

Yellow (18%)

Blue (20%)

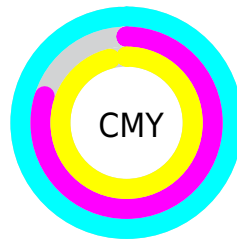


Cyan (94%)

Magenta (0%)

Yellow (82%)

Black (80%)



Cyan (99%)

Magenta (80%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033209 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 033209 by changing the saturation by 10% instead.

 033209

 033209

 EFFFEB

 001F00

 356135

 000000

 4E7A4C

 679465

 80AF7E

 9BCA98

 B6E7B3

 D2FFCE

 033209

 033209

■ 003206

■ 08320D

■ 0D3212

■ 123216

■ 17321A

■ 1C321F

■ 213223

■ 263228

■ 2B322C

■ 303230

Harmonies

Analogous

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



262E00



033209



003422

Triad

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



033209



002F58



52121B

Complementary

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



033209



32032C

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.



501132



033209



192756

Square

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



033209



00334E



3F1B47



4A1C01

Rectangle

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



033209



003432



3F1B47



531022

Sweetspot

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



033209



2E4030



2D3203



162117



A1A1A1



212121

Same Dimension

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



033209



004008



033220



171A17



00590B



00D91C

Inverse Universe

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



32032C



400038



320315



1A1719



59004E



D900BD

Previews

White Background



This preview shows how the Hex color 033209 looks on a white background.

Color Contrast Check

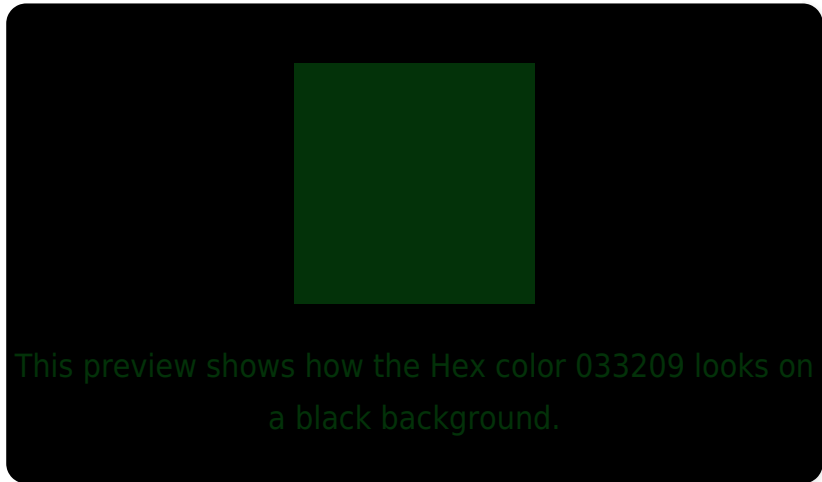
Large Text (above 18pt) WCAG AA ✓ Pass

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

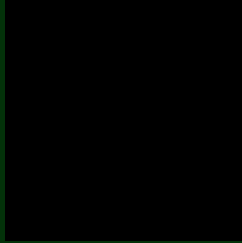
Any Text WCAG AA × Fail

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 033209 Background



This preview shows how black text looks on a background with the Hex color 033209.



This preview shows how white text looks on a background with the Hex color 033209.

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
033209

Protanopia
302B07

Deuteranopia
36290E



Tritanopia
152F32

Trichromacy



Original Color
033209

Protanomaly
202E08

Deuteranomaly
232C0C

Tritanomaly
0E3023

Monochromacy



Original Color
033209

Achromatopsia
1F1F1F

Achromatomaly
152617

CSS Examples

Text

The CSS property to change the color of the text to Hex 033209 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 #033209 looks like.

```
.text, #text, p{  
    color:#033209  
}
```

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 #033209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033209
}
```

Border

The CSS property to change the border of an element to Hex 033209 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
#033209 }
```

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

```
.border{ border-color:#033209 }
```

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

Here you see how a box with a 4 pixel #033209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033209; -webkit-box-shadow:4px 4px  
4px 4px #033209; box-shadow:4px 4px 4px  
4px #033209 }
```

Background

The CSS property to change the background color of an element to Hex 033209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033209 }
```

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

```
.background{ background-color:#033209 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor