

# Converting Colors

Hex(037209)

Have a look what the booklet for  
Hex(037209) contains.

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**Color**

**Hex(037209)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	037209
RGB	3, 114, 9
RGB Percent	1%, 45%, 4%
CMY	0.9882, 0.5529, 0.9647
CMYK	0.97, 0.00, 0.92, 0.55
HSL	123°, 95%, 23%
HSV	123°, 97%, 45%
XYZ	6.1042, 12.0737, 2.2672
YIQ	68.8410, -32.4510, -56.1870

# Conversions

## Conversions Part 2

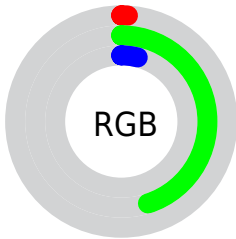
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 108, 114
Decimal	225801
CIELab	41.33, -46.89, 43.83
CIELCh	41, 64.186, 136.935
Yxy	12.0737, 0.2986, 0.5905
Android (android.graphics.Color)	4278415881 (0xFF037209)
YUV	68.8410, -29.5016, -57.7426
Hunter-Lab	34.7472, -29.4499, 20.4545

# Details

The Hex color **037209** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **72036C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4DA741**, and **004000** is the 20% darker color. If you saturate the color by 10%, you get **007206**, and if you desaturate by 10%, it is **0E7214**.

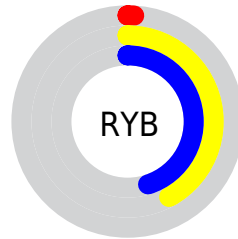
# Distribution



Red (1%)

Green (45%)

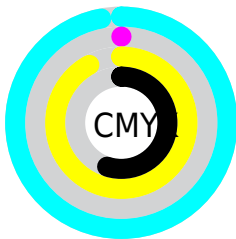
Blue (4%)



Red (1%)

Yellow (42%)

Blue (45%)

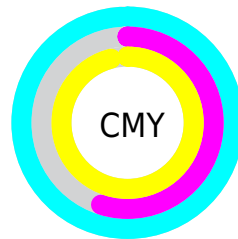


Cyan (97%)

Magenta (0%)

Yellow (92%)

Black (55%)



Cyan (99%)

Magenta (55%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 037209 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 037209 by changing the saturation by 10% instead.



 037209

 037209

FFFFFF

 005900

 4DA741

 004000

 6AC35A

 002B00

 86DF74

 000900

 A2FC8F

 000000

 BFFFAA

 DCFFC6

 FAFFE2

 037209

 037209

■ 007206

■ 0E7214

■ 1A721F

■ 257229

■ 317234

■ 3C723F

■ 47724A

■ 537254

■ 5E725F

■ 6A726A

# Harmonies

## Analogous

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



5B6800



037209



007748

# Triad

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



037209



006FC9



BC1E46

# Complementary

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



037209



72036C

# 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.



B2227B



037209



005EC8

# Square

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



037209



0076AE



8743AA



AC3C12

# Rectangle

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



037209



00786D



8743AA



BC1958



# Sweetspot

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



037209



69946B



6C7203



304A31



C9C9C9



4A4A4A



# Same Dimension

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



037209



009408



037240



323833



007806



00F70D



# Inverse Universe

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



72036C



94008C



720335



383238



780071

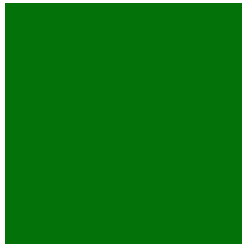


F700EA



# Previews

## White Background



This preview shows how the Hex color 037209 looks on a white background.

## Color Contrast Check

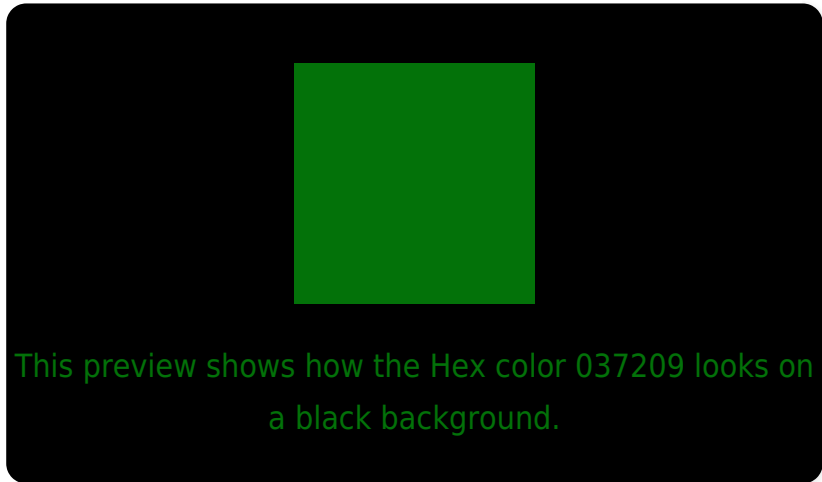
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 037209 Background



This preview shows how black text looks on a background with the Hex color 037209.



This preview shows how white text looks on a background with the Hex color 037209.

# 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**  
037209

**Protanopia**  
6E6200

**Deuteranopia**  
7A5C1A



**Tritanopia**  
306A73

# Trichromacy



**Original Color**  
037209



**Protanomaly**  
476803



**Deuteranomaly**  
4F6414

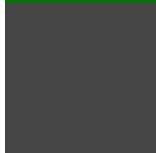


**Tritanomaly**  
206D4C

# Monochromacy



**Original Color**  
037209



**Achromatopsia**  
454545



**Achromatomaly**  
2D552F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 037209 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 #037209 looks like.

```
.text, #text, p{  
    color:#037209  
}
```

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 #037209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037209
}
```

## Border

The CSS property to change the border of an element to Hex 037209 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
#037209 }
```

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

```
.border{ border-color:#037209 }
```

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

Here you see how a box with a 4 pixel #037209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037209; -webkit-box-shadow:4px 4px  
4px 4px #037209; box-shadow:4px 4px 4px  
4px #037209 }
```

# Background

The CSS property to change the background color of an element to Hex 037209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037209 }
```

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

```
.background{ background-color:#037209 }
```

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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