

# Converting Colors

Hex(038707)

Have a look what the booklet for  
Hex(038707) contains.

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**Color**

**Hex(038707)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	038707
RGB	3, 135, 7
RGB Percent	1%, 53%, 3%
CMY	0.9882, 0.4706, 0.9725
CMYK	0.98, 0.00, 0.95, 0.47
HSL	122°, 96%, 27%
HSV	122°, 98%, 53%
XYZ	8.7399, 17.3626, 3.0917
YIQ	80.9400, -37.5840, -67.7920

# Conversions

## Conversions Part 2

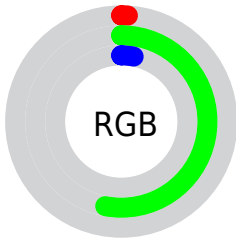
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 131, 135
Decimal	231175
CIE <sub>Lab</sub>	48.71, -53.26, 50.56
CIE <sub>LCh</sub>	49, 73.436, 136.489
Yxy	17.3626, 0.2994, 0.5947
Android (android.graphics.Color)	4278421255 (0xFF038707)
YUV	80.9400, -36.4524, -68.3534
Hunter-Lab	41.6685, -35.4799, 24.7688

# Details

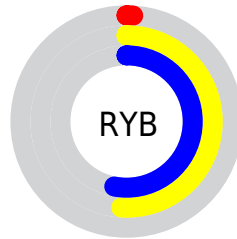
The Hex color **038707** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **870383**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **54BE45**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **008704**, and if you desaturate by 10%, it is **108714**.

# Distribution



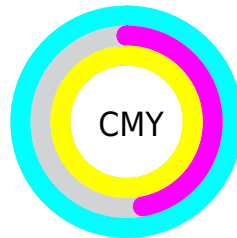
- Red (1%)
- Green (53%)
- Blue (3%)



- Red (1%)
- Yellow (51%)
- Blue (53%)



- Cyan (98%)
- Magenta (0%)
- Yellow (95%)
- Black (47%)



- Cyan (99%)
- Magenta (47%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 038707 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 038707 by changing the saturation by 10% instead.



 038707

 038707

FFFFFF

 006D00

 54BE45

 005300

 72DA5F

 003B00

 8FF779

 002500

 ACFF94

 000000

 C9FFB0

 E7FFCC

 FFFFE9

 038707

 038707

■ 008704

■ 108714

■ 1E8721

■ 2B872E

■ 39873B

■ 468748

■ 548756

■ 618763

■ 6F8770

■ 7D877D

# Harmonies

## Analogous

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



6D7B00



038707



008D54

# Triad

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



038707



0083EE



DE2255

# Complementary

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



038707



870383

# 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.



D22893



038707



0070ED

# Square

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



038707



008CCE



9F50CA



CC4716

# Rectangle

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



038707



008E80



9F50CA



DE1B69



# Sweetspot

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



038707



7DB07E



858703



3A593B



D9D9D9



595959



# Same Dimension

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



038707



00B005



038747



3C423C



008204



000300



# Inverse Universe

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



870383



B000AB



870343



423C42



82007E

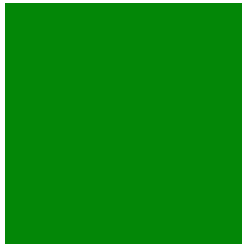


030002



# Previews

## White Background



This preview shows how the Hex color 038707 looks on a white background.

## Color Contrast Check

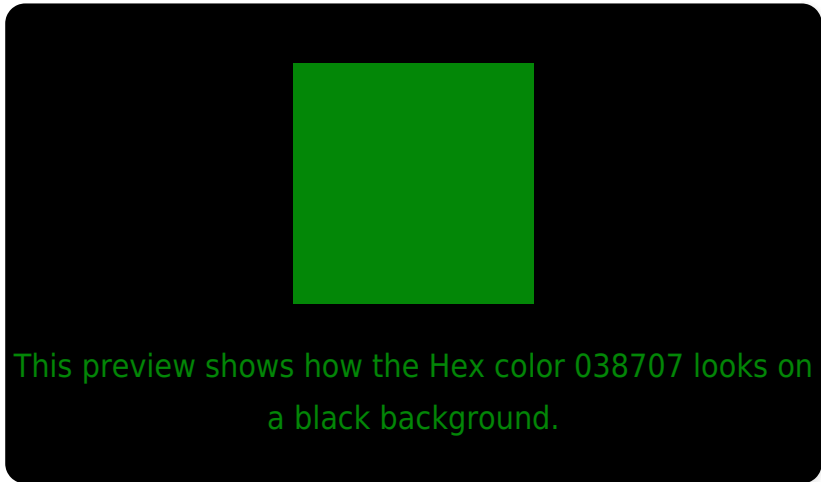
Large Text (above 18pt) WCAG AA ✓ Pass

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 038707 Background



This preview shows how black text looks on a background with the Hex color 038707.



This preview shows how white text looks on a background with the Hex color 038707.

# 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**  
038707

**Protanopia**  
827400

**Deuteranopia**  
916D1E



**Tritanopia**  
397D88

# Trichromacy



**Original Color**  
038707



**Protanomaly**  
547B03



**Deuteranomaly**  
5D7616



**Tritanomaly**  
258159

# Monochromacy



**Original Color**  
038707



**Achromatopsia**  
515151



**Achromatomaly**  
356536

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 038707 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 #038707 looks like.

```
.text, #text, p{  
    color:#038707  
}
```

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 #038707 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #038707
}
```

## Border

The CSS property to change the border of an element to Hex 038707 is called "border". The border property can be set on classes, ids or directly on the HTML element.

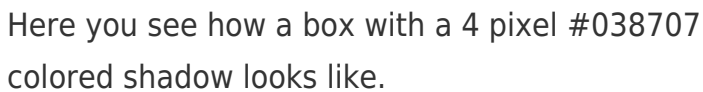
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#038707 }
```

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

```
.border{ border-color:#038707 }
```

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



Here you see how a box with a 4 pixel #038707 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #038707; -webkit-box-shadow:4px 4px  
4px 4px #038707; box-shadow:4px 4px 4px  
4px #038707 }
```

# Background

The CSS property to change the background color of an element to Hex 038707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#038707 }
```

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

```
.background{ background-color:#038707 }
```

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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