

# Converting Colors

Hex(38940D)

Have a look what the booklet for  
Hex(38940D) contains.

<b>Hex(38940D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(38940D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38940D
RGB	56, 148, 13
RGB Percent	22%, 58%, 5%
CMY	0.7804, 0.4196, 0.9490
CMYK	0.62, 0.00, 0.91, 0.42
HSL	101°, 84%, 32%
HSV	101°, 91%, 58%
XYZ	12.2934, 22.0496, 3.9888
YIQ	105.1020, -11.4970, -61.4890

# Conversions

## Conversions Part 2

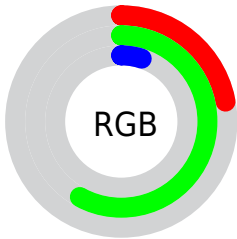
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 148, 105
Decimal	3707917
CIELab	54.08, -49.21, 54.40
CIElCh	54, 73.355, 132.129
Yxy	22.0496, 0.3207, 0.5752
Android (android.graphics.Color)	4281897997 (0xFF38940D)
YUV	105.1020, -45.4063, -43.0625
Hunter-Lab	46.9570, -35.4432, 27.8334

# Details

The Hex color **38940D** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **690D94**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **73CB4A**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **2F9400**, and if you desaturate by 10%, it is **42941C**.

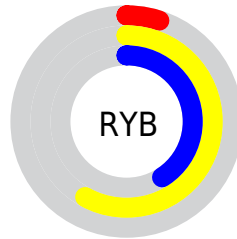
# Distribution



Red (22%)

Green (58%)

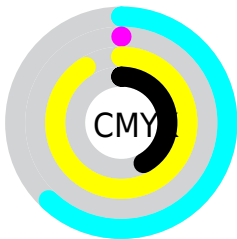
Blue (5%)



Red (5%)

Yellow (58%)

Blue (41%)

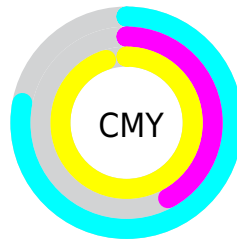


Cyan (62%)

Magenta (0%)

Yellow (91%)

Black (42%)



Cyan (78%)

Magenta (42%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38940D 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 38940D by changing the saturation by 10% instead.



 38940D

 38940D

FFFFFF

 117A00

 73CB4A

 006000

 8FE765

 004700

 ACFF80

 003000

 C9FF9B

 001700

 E7FFB7

 000000

 FFFFD4

 FFFFF1

 38940D

 38940D

■ 2F9400

■ 42941C

■ 4C942B

■ 569439

■ 609448

■ 6A9457

■ 759466

■ 7F9475

■ 899483

■ 939492

# Harmonies

## Analogous

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



858700



38940D



009B58

# Triad

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



38940D



0093FB



F0356B

# Complementary

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



38940D



690D94

# 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.



DE40AA



38940D



0081FE

# Square

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



38940D



009BD5



A363E0



E1512E

# Rectangle

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



38940D



009D84



A363E0



EE3380



# Sweetspot

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



38940D



9CBF8C



94670D



4C6142



E0E0E0



616161



# Same Dimension

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



38940D



3DBF00



0D9423



454A43



2C8A00



030A00



# Inverse Universe

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



690D94



8200BF



940D7D



48434A



5E008A

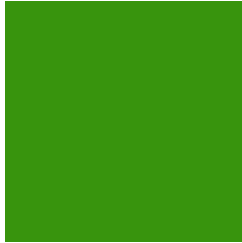


07000A



# Previews

## White Background



This preview shows how the Hex color 38940D looks on a white background.

## Color Contrast Check

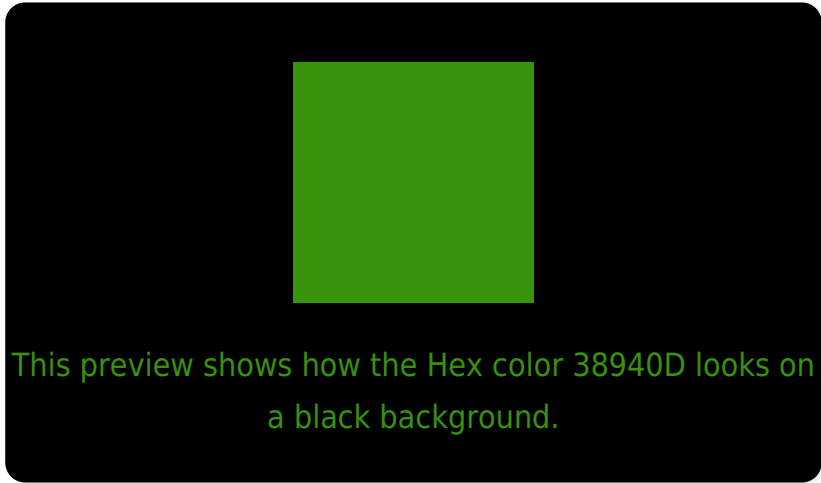
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 38940D Background



This preview shows how black text looks on a background with the Hex color 38940D.

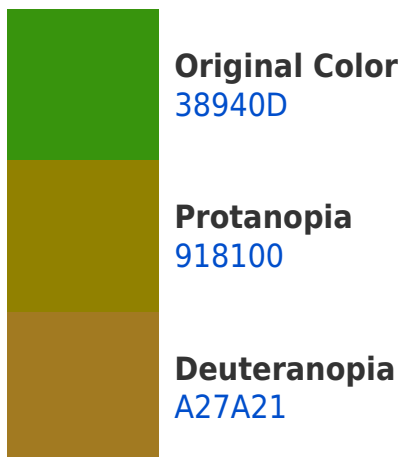


This preview shows how white text looks on a background with the Hex color 38940D.

# 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](#).

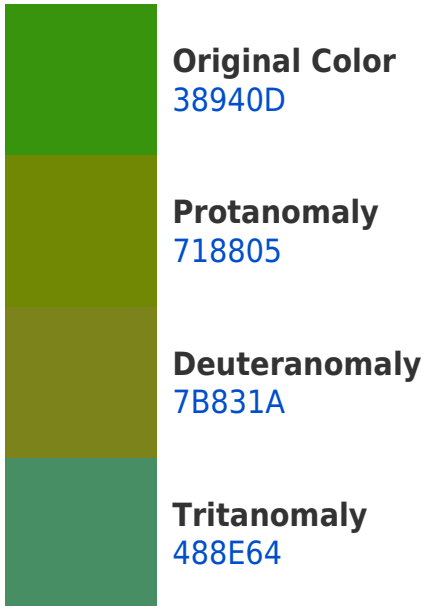
## Dichromacy



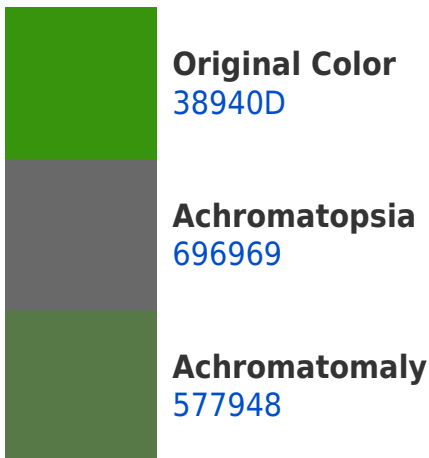


**Tritanopia**  
518A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38940D 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 #38940D looks like.

```
.text, #text, p{  
    color:#38940D  
}
```

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 #38940D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38940D
}
```

## Border

The CSS property to change the border of an element to Hex 38940D 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
#38940D }
```

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

```
.border{ border-color:#38940D }
```

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

Here you see how a box with a 4 pixel #38940D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38940D; -webkit-box-shadow:4px 4px  
4px 4px #38940D; box-shadow:4px 4px 4px  
4px #38940D }
```

# Background

The CSS property to change the background color of an element to Hex 38940D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38940D }
```

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

```
.background{ background-color:#38940D }
```

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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