

# Converting Colors

Hex(39700B)

Have a look what the booklet for  
Hex(39700B) contains.

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**Color**

**Hex(39700B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	39700B
RGB	57, 112, 11
RGB Percent	22%, 44%, 4%
CMY	0.7765, 0.5608, 0.9569
CMYK	0.49, 0.00, 0.90, 0.56
HSL	93°, 82%, 24%
HSV	93°, 90%, 44%
XYZ	7.5419, 12.4824, 2.3284
YIQ	84.0410, -0.3590, -43.0710

# Conversions

## Conversions Part 2

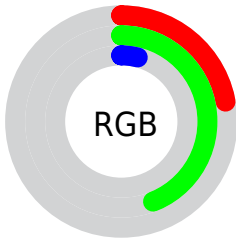
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 112, 66
Decimal	3764235
CIELab	41.97, -35.02, 44.44
CIELCh	42, 56.583, 128.243
Yxy	12.4824, 0.3374, 0.5584
Android (android.graphics.Color)	4281954315 (0xFF39700B)
YUV	84.0410, -36.0092, -23.7150
Hunter-Lab	35.3304, -23.7241, 20.8238

# Details

The Hex color **39700B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **420B70**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6EA442**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **337000**, and if you desaturate by 10%, it is **3F7016**.

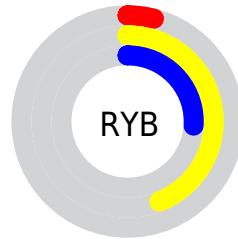
# Distribution



Red (22%)

Green (44%)

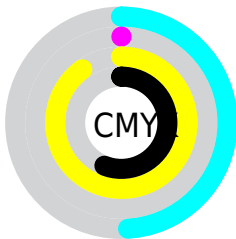
Blue (4%)



Red (4%)

Yellow (44%)

Blue (26%)

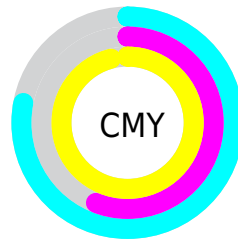


Cyan (49%)

Magenta (0%)

Yellow (90%)

Black (56%)



Cyan (78%)

Magenta (56%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39700B 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 39700B by changing the saturation by 10% instead.



 39700B

 39700B

FFFFFF

 1D5700

 6EA442

 003F00

 89C05B

 002900

 A5DC75

 000D00

 C1F890

 000000

 DDFEAB

 FBFFC7

 FFFFE4

 39700B

 39700B

■ 337000

■ 3F7016

■ 457021

■ 4B702D

■ 517038

■ 577043

■ 5E704E

■ 647059

■ 6A7065

■ 707070

# Harmonies

## Analogous

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



6C6500



39700B



00763E

# Triad

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



39700B



0071BA



B52E58

# Complementary

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



39700B



420B70

# 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.



A43987



39700B



0065C0

# Square

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



39700B



00779C



7450AD



AD3E2C

# Rectangle

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



39700B



00785F



7450AD



B22F68



# Sweetspot

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



39700B



7C916A



70410B



3D4A32



C9C9C9



4A4A4A



# Same Dimension

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



39700B



429100



0B700E



353832



377800



71F700



# Inverse Universe

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



420B70



4F0091



700B6D



363238



410078



8700F7



# Previews

## White Background



This preview shows how the Hex color 39700B looks on a white background.

## Color Contrast Check

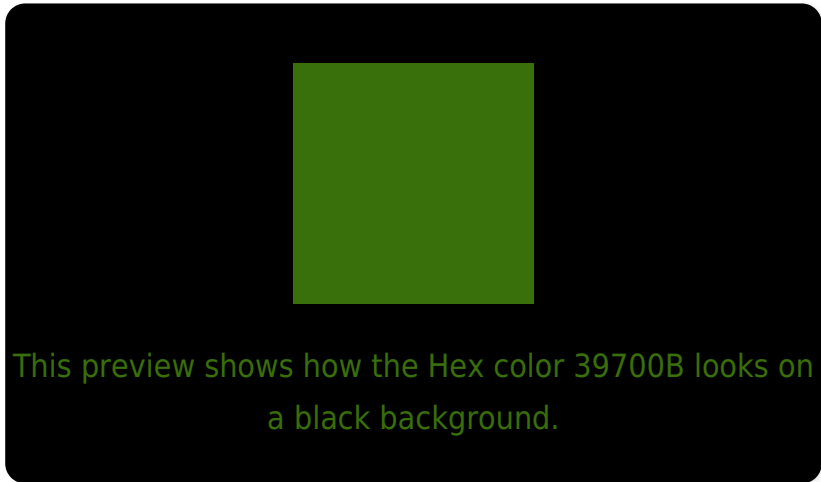
Large Text (above 18pt) WCAG AA ✓ Pass

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

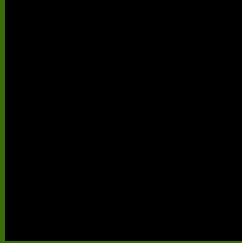
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39700B Background



This preview shows how black text looks on a background with the Hex color 39700B.



This preview shows how white text looks on a background with the Hex color 39700B.

# 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**  
39700B

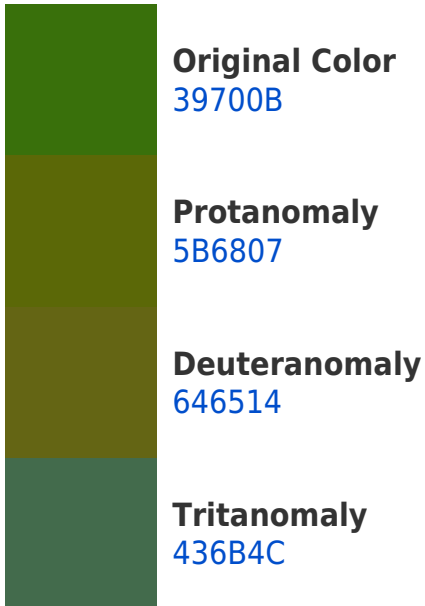
**Protanopia**  
6F6304

**Deuteranopia**  
7C5E19

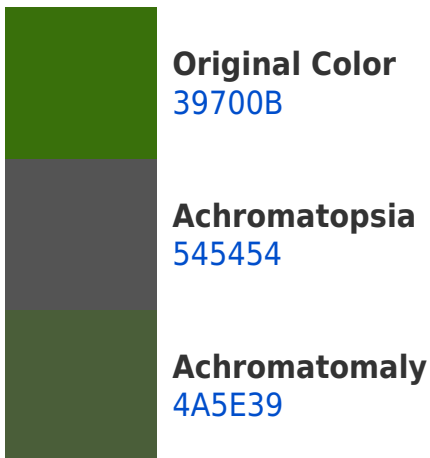


**Tritanopia**  
486871

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39700B 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 #39700B looks like.

```
.text, #text, p{  
    color:#39700B  
}
```

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 #39700B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39700B
}
```

## Border

The CSS property to change the border of an element to Hex 39700B 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
#39700B }
```

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

```
.border{ border-color:#39700B }
```

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

Here you see how a box with a 4 pixel #39700B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39700B; -webkit-box-shadow:4px 4px  
4px 4px #39700B; box-shadow:4px 4px 4px  
4px #39700B }
```

# Background

The CSS property to change the background color of an element to Hex 39700B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39700B }
```

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

```
.background{ background-color:#39700B }
```

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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