

# Converting Colors

Hex(3C8F00)

Have a look what the booklet for  
Hex(3C8F00) contains.

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# Color

Hex(3C8F00)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C8F00
RGB	60, 143, 0
RGB Percent	24%, 56%, 0%
CMY	0.7647, 0.4392, 1.0000
CMYK	0.58, 0.00, 1.00, 0.44
HSL	95°, 100%, 28%
HSV	95°, 100%, 56%
XYZ	11.6859, 20.6056, 3.3614
YIQ	101.8810, -3.5650, -62.0690

# Conversions

## Conversions Part 2

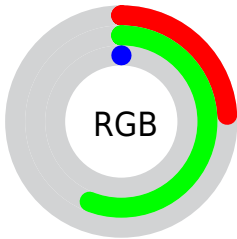
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 143, 83
Decimal	3968768
CIELab	52.52, -46.70, 55.39
CIELCh	53, 72.448, 130.134
Yxy	20.6056, 0.3278, 0.5779
Android (android.graphics.Color)	4282158848 (0xFF3C8F00)
YUV	101.8810, -50.2273, -36.7296
Hunter-Lab	45.3934, -33.4859, 27.3850

# Details

The Hex color **3C8F00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **53008F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **76C644**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **3C8F00**, and if you desaturate by 10%, it is **448F0E**.

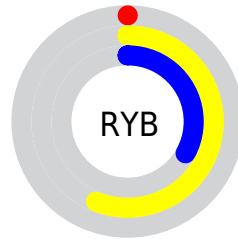
# Distribution



Red (24%)

Green (56%)

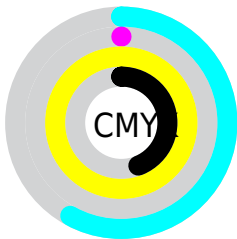
Blue (0%)



Red (0%)

Yellow (56%)

Blue (33%)

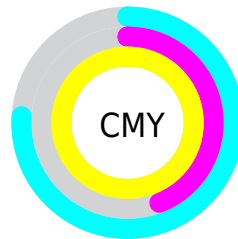


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (76%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C8F00 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 3C8F00 by changing the saturation by 10% instead.



 3C8F00

 3C8F00

FFFFFF

 1A7500

 76C644

 005B00

 92E25F

 004300

 AEFF7A

 002D00

 CBFF95

 001000

 E9FFB1

 000000

 FFFFCD

 FFFFEA

 3C8F00

 448F0E

 4D8F1D

 558F2B

 5D8F39

 668F48

 6E8F56

 768F64

 7E8F72

 878F81

# Harmonies

## Analogous

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



848100



3C8F00



009650

# Triad

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



3C8F00



0090F3



E9306B

# Complementary

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



3C8F00



53008F

# 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.



D63FA9



3C8F00



007EF9

# Square

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



3C8F00



0097CD



9862DD



DD4B2F

# Rectangle

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



3C8F00



00987C



9862DD



E73080



# Sweetspot

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



3C8F00



9ABA82



8F5100



4B5E3C



DEDEDE



5E5E5E



# Same Dimension

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



3C8F00



4EBA00



008F0A



434740



398700



030800



# Inverse Universe

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



53008F



6C00BA



8F0085



444047



4E0087

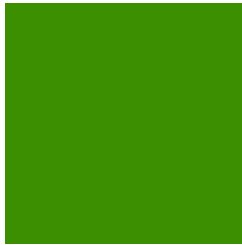


040008



# Previews

## White Background



This preview shows how the Hex color 3C8F00 looks on a white background.

## Color Contrast Check

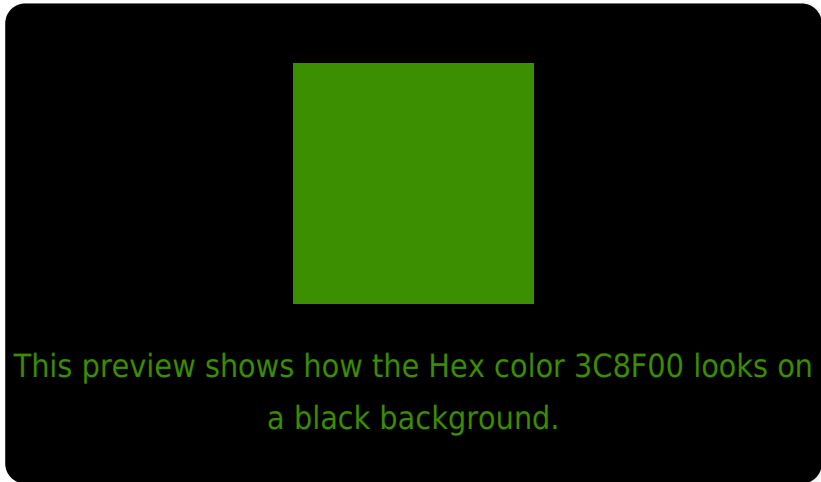
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C8F00 Background



This preview shows how black text looks on a background with the Hex color 3C8F00.



This preview shows how white text looks on a background with the Hex color 3C8F00.

# 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**  
3C8F00

**Protanopia**  
8D7D00

**Deuteranopia**  
9D761E



**Tritanopia**  
528590

# Trichromacy



**Original Color**  
3C8F00

**Protanomaly**  
708400

**Deuteranomaly**  
7A7F13

**Tritanomaly**  
4A895C

# Monochromacy



**Original Color**  
3C8F00

**Achromatopsia**  
666666

**Achromatomaly**  
577541

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C8F00 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 #3C8F00 looks like.

```
.text, #text, p{  
    color:#3C8F00  
}
```

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 #3C8F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8F00
}
```

## Border

The CSS property to change the border of an element to Hex 3C8F00 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
#3C8F00 }
```

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

```
.border{ border-color:#3C8F00 }
```

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

Here you see how a box with a 4 pixel #3C8F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8F00; -webkit-box-shadow:4px 4px  
4px 4px #3C8F00; box-shadow:4px 4px 4px  
4px #3C8F00 }
```

# Background

The CSS property to change the background color of an element to Hex 3C8F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8F00 }
```

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

```
.background{ background-color:#3C8F00 }
```

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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