

# Converting Colors

Hex(3C5E00)

Have a look what the booklet for  
Hex(3C5E00) contains.

<b>Hex(3C5E00)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3C5E00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C5E00
RGB	60, 94, 0
RGB Percent	24%, 37%, 0%
CMY	0.7647, 0.6314, 1.0000
CMYK	0.36, 0.00, 1.00, 0.63
HSL	82°, 100%, 18%
HSV	82°, 100%, 37%
XYZ	5.8662, 8.9661, 1.4214
YIQ	73.1180, 9.9100, -36.4420

# Conversions

## Conversions Part 2

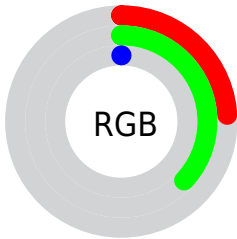
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 94, 34
Decimal	3956224
CIELab	35.92, -26.19, 42.42
CIELCh	36, 49.858, 121.693
Yxy	8.9661, 0.3609, 0.5516
Android (android.graphics.Color)	4282146304 (0xFF3C5E00)
YUV	73.1180, -36.0472, -11.5045
Hunter-Lab	29.9434, -17.4312, 18.1458

# Details

The Hex color **3C5E00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **22005E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6F9138**, and **072F00** is the 20% darker color. If you saturate the color by 10%, you get **3C5E00**, and if you desaturate by 10%, it is **3F5E09**.

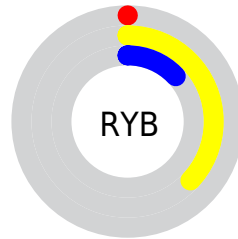
# Distribution



Red (24%)

Green (37%)

Blue (0%)



Red (0%)

Yellow (37%)

Blue (13%)

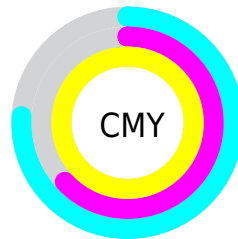


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (76%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C5E00 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 3C5E00 by changing the saturation by 10% instead.



 3C5E00

 3C5E00

 FFFFF4

 244600

 6F9138

 072F00

 8AAB51

 001D00

 A5C76A

 000000

 C1E384

 DEFF9F

 FBFFBB

 FFFFD7

 3C5E00

 3F5E09

 435E13

 465E1C

 4A5E26

 4D5E2F

 505E38

 545E42

 575E4B

 5B5E55

# Harmonies

## Analogous

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



645400



3C5E00



00642C

# Triad

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



3C5E00



00629B



992854

# Complementary

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



3C5E00



22005E

# 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.



86357B



3C5E00



0059A5

# Square

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



3C5E00



00667E



554999



97312D

# Rectangle

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



3C5E00



006648



554999



962A61



# Sweetspot

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



3C5E00



6D7A56



5E2100



353D27



BDBDBD



3D3D3D



# Same Dimension

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



3C5E00



4E7A00



0E5E00



2C2E29



466E00



97ED00



# Inverse Universe

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



22005E



2C007A



50005E



2B292E



28006E

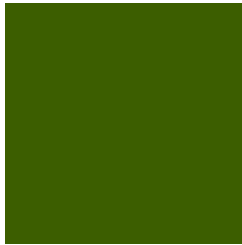


5600ED



# Previews

## White Background



This preview shows how the Hex color 3C5E00 looks on a white background.

## Color Contrast Check

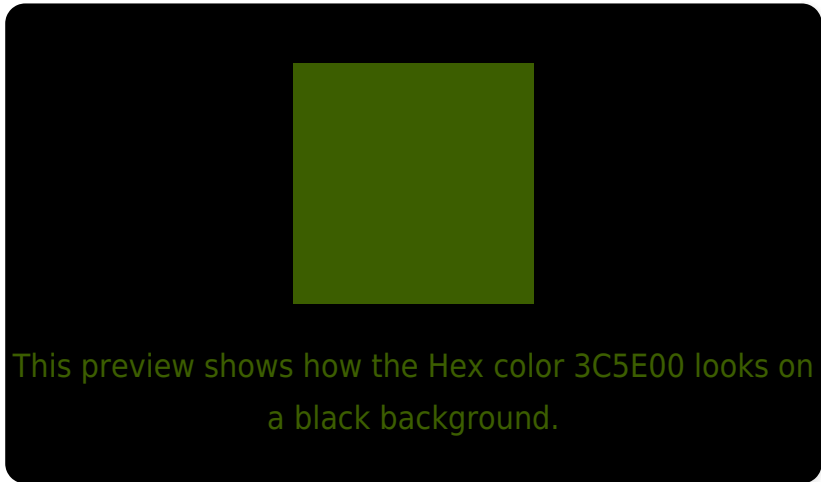
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 3C5E00 Background



This preview shows how black text looks on a background with the Hex color 3C5E00.



This preview shows how white text looks on a background with the Hex color 3C5E00.

# 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**  
3C5E00

**Protanopia**  
5F5500

**Deuteranopia**  
6A5012



**Tritanopia**  
46575E

# Trichromacy



**Original Color**  
3C5E00

**Protanomaly**  
525800

**Deuteranomaly**  
59550B

**Tritanomaly**  
425A3C

# Monochromacy



**Original Color**  
3C5E00

**Achromatopsia**  
494949

**Achromatomaly**  
44512E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C5E00 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 #3C5E00 looks like.

```
.text, #text, p{  
    color:#3C5E00  
}
```

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 #3C5E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5E00
}
```

## Border

The CSS property to change the border of an element to Hex 3C5E00 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
#3C5E00 }
```

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

```
.border{ border-color:#3C5E00 }
```

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

Here you see how a box with a 4 pixel #3C5E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5E00; -webkit-box-shadow:4px 4px  
4px 4px #3C5E00; box-shadow:4px 4px 4px  
4px #3C5E00 }
```

# Background

The CSS property to change the background color of an element to Hex 3C5E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5E00 }
```

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

```
.background{ background-color:#3C5E00 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor