

# Converting Colors

Hex(355E00)

Have a look what the booklet for  
Hex(355E00) contains.

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# Color

**Hex(355E00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	355E00
RGB	53, 94, 0
RGB Percent	21%, 37%, 0%
CMY	0.7922, 0.6314, 1.0000
CMYK	0.44, 0.00, 1.00, 0.63
HSL	86°, 100%, 18%
HSV	86°, 100%, 37%
XYZ	5.4709, 8.7623, 1.4029
YIQ	71.0250, 5.7380, -37.9260

# Conversions

## Conversions Part 2

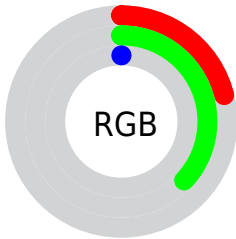
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 94, 41
Decimal	3497472
CIELab	35.52, -29.03, 41.94
CIELCh	36, 51.009, 124.684
Yxy	8.7623, 0.3499, 0.5604
Android (android.graphics.Color)	4281687552 (0xFF355E00)
YUV	71.0250, -35.0153, -15.8079
Hunter-Lab	29.6012, -18.8116, 17.9108

# Details

The Hex color **355E00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **29005E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **689138**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **355E00**, and if you desaturate by 10%, it is **395E09**.

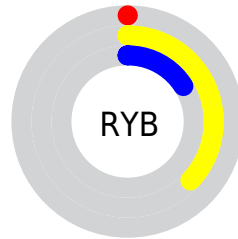
# Distribution



Red (21%)

Green (37%)

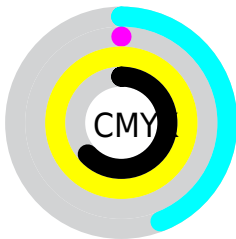
Blue (0%)



Red (0%)

Yellow (37%)

Blue (16%)

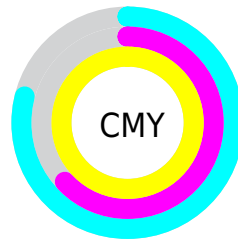


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (79%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 355E00 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 355E00 by changing the saturation by 10% instead.



 355E00

 355E00

 FFFFF3

 1C4600

 689138

 002F00

 83AB51

 001C00

 9EC76A

 000000

 BAE384

 D6FF9F

 F3FFBA

 FFFFD7

 355E00

 395E09

 3D5E13

 415E1C

 455E26

 4A5E2F

 4E5E38

 525E42

 565E4B

 5A5E55

# Harmonies

## Analogous

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



605400



355E00



00632E

# Triad

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



355E00



00619D



9A244F

# Complementary

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



355E00



29005E

# 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.



893077



355E00



0057A6

# Square

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



355E00



006581



5B4597



963027

# Rectangle

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



355E00



00654B



5B4597



97265D



# Sweetspot

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



355E00



6A7A56



5E2900



343D27



BDBDBD



3D3D3D



# Same Dimension

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



355E00



457A00



065E00



2C2E29



3E6E00



86ED00



# Inverse Universe

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



29005E



35007A



58005E



2B292E



30006E

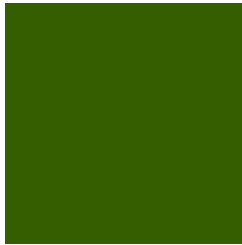


6700ED



# Previews

## White Background



This preview shows how the Hex color 355E00 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 355E00 Background



This preview shows how black text looks on a background with the Hex color 355E00.



This preview shows how white text looks on a background with the Hex color 355E00.

# 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**  
355E00

**Protanopia**  
5E5400

**Deuteranopia**  
694F13



**Tritanopia**  
40575E

# Trichromacy



**Original Color**  
355E00

**Protanomaly**  
4F5800

**Deuteranomaly**  
56540C

**Tritanomaly**  
3C5A3C

# Monochromacy



**Original Color**  
355E00

**Achromatopsia**  
474747

**Achromatomaly**  
404F2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 355E00 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 #355E00 looks like.

```
.text, #text, p{  
    color:#355E00  
}
```

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 #355E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355E00
}
```

## Border

The CSS property to change the border of an element to Hex 355E00 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
#355E00 }
```

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

```
.border{ border-color:#355E00 }
```

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

Here you see how a box with a 4 pixel #355E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355E00; -webkit-box-shadow:4px 4px  
4px 4px #355E00; box-shadow:4px 4px 4px  
4px #355E00 }
```

# Background

The CSS property to change the background color of an element to Hex 355E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355E00 }
```

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

```
.background{ background-color:#355E00 }
```

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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