

# Converting Colors

Hex(333E00)

Have a look what the booklet for  
Hex(333E00) contains.

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# Color

Hex(333E00)

# Conversions

## Conversions Part 1

Format	Color
Hex	333E00
RGB	51, 62, 0
RGB Percent	20%, 24%, 0%
CMY	0.8000, 0.7569, 1.0000
CMYK	0.18, 0.00, 1.00, 0.76
HSL	71°, 100%, 12%
HSV	71°, 100%, 24%
XYZ	3.0879, 4.1491, 0.6381
YIQ	51.6430, 13.3460, -21.6140

# Conversions

## Conversions Part 2

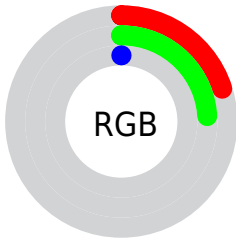
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 62, 11</a>
Decimal	<a href="#">3358208</a>
CIELab	<a href="#">24.16, -13.55, 32.53</a>
CIELCh	<a href="#">24, 35.236, 112.621</a>
Yxy	<a href="#">4.1491, 0.3921, 0.5269</a>
Android (android.graphics.Color)	<a href="#">4281548288 (0xFF333E00)</a>
YUV	<a href="#">51.6430, -25.4600, -0.5639</a>
Hunter-Lab	<a href="#">20.3692, -8.5865, 12.4011</a>

# Details

The Hex color **333E00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B003E**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **646D30**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **333E00**, and if you desaturate by 10%, it is **343E06**.

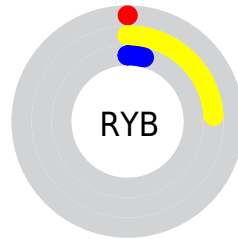
# Distribution



Red (20%)

Green (24%)

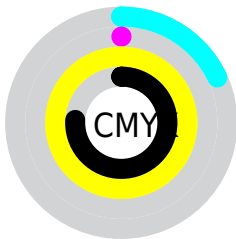
Blue (0%)



Red (0%)

Yellow (24%)

Blue (4%)

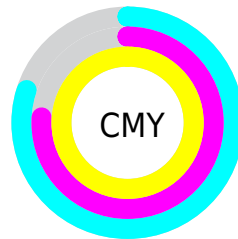


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (80%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 333E00 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 333E00 by changing the saturation by 10% instead.



 333E00

 333E00

 FFFFE7

 1C2800

 646D30

 001500

 7D8748

 000000

 98A160

 B3BC7A

 CFD894

 ECF4AF

 FFFFCB

 333E00

■ 343E06

■ 353E0C

■ 363E13

■ 373E19

■ 393E1F

■ 3A3E25

■ 3B3E2B

■ 3C3E32

■ 3D3E38

# Harmonies

## Analogous

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



4C3600



333E00



0D4317

# Triad

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



333E00



004463



651F41

# Complementary

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



333E00



0B003E

# 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.



53295A



333E00



003E6E

# Square

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



333E00



00464D



2C356B



682027

# Rectangle

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



333E00



004529



2C356B



61224A



# Sweetspot

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



333E00



4D5239



3E0A00



26291A



A8A8A8



292929



# Same Dimension

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



333E00



435200



153E00



1E1F1C



4E5E00



B6DE00



# Inverse Universe

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



0B003E



0E0052



29003E



1C1C1F



11005E



2700DE



# Previews

## White Background



This preview shows how the Hex color 333E00 looks on a white background.

## Color Contrast Check

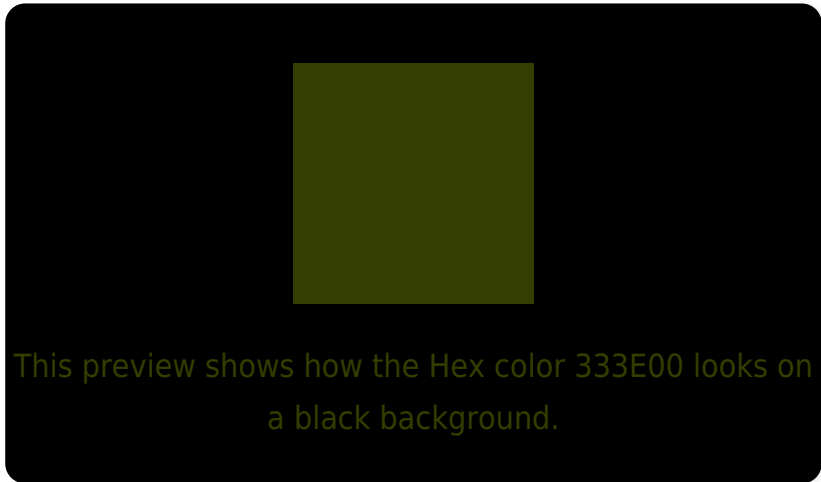
Large Text (above 18pt) WCAG AA ✓ Pass

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

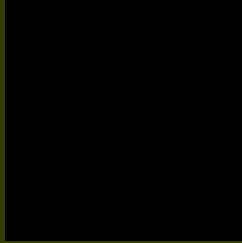
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 333E00 Background



This preview shows how black text looks on a background with the Hex color 333E00.



This preview shows how white text looks on a background with the Hex color 333E00.

# 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**  
333E00

**Protanopia**  
413A00

**Deuteranopia**  
49370B



**Tritanopia**  
383A3E

# Trichromacy



**Original Color**  
333E00

**Protanomaly**  
3C3B00

**Deuteranomaly**  
413A07

**Tritanomaly**  
363B27

# Monochromacy



**Original Color**  
333E00

**Achromatopsia**  
343434

**Achromatomaly**  
343821

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 333E00 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 #333E00 looks like.

```
.text, #text, p{  
    color:#333E00  
}
```

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 #333E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333E00  
}
```

## Border

The CSS property to change the border of an element to Hex 333E00 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  
#333E00 }
```

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

```
.border{ border-color:#333E00 }
```

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

Here you see how a box with a 4 pixel #333E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333E00; -webkit-box-shadow:4px 4px  
4px 4px #333E00; box-shadow:4px 4px 4px  
4px #333E00 }
```

# Background

The CSS property to change the background color of an element to Hex 333E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333E00 }
```

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

```
.background{ background-color:#333E00 }
```

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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