

# Converting Colors

Hex(333500)

Have a look what the booklet for  
Hex(333500) contains.

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# Color

**Hex(333500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	333500
RGB	51, 53, 0
RGB Percent	20%, 21%, 0%
CMY	0.8000, 0.7922, 1.0000
CMYK	0.04, 0.00, 1.00, 0.79
HSL	62°, 100%, 10%
HSV	62°, 100%, 21%
XYZ	2.6383, 3.2500, 0.4883
YIQ	46.3600, 15.8210, -16.9070

# Conversions

## Conversions Part 2

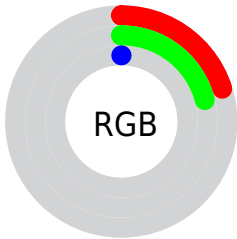
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 53, 2
Decimal	3355904
CIELab	21.02, -8.17, 29.26
CIELCh	21, 30.375, 105.606
Yxy	3.2500, 0.4138, 0.5097
Android (android.graphics.Color)	4281545984 (0xFF333500)
YUV	46.3600, -22.8555, 4.0693
Hunter-Lab	18.0278, -5.4254, 11.0137

# Details

The Hex color **333500** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **020035**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **63632F**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **333500**, and if you desaturate by 10%, it is **333505**.

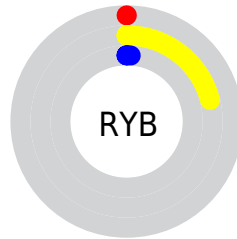
# Distribution



Red (20%)

Green (21%)

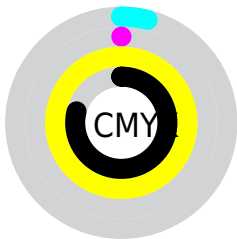
Blue (0%)



Red (0%)

Yellow (21%)

Blue (1%)

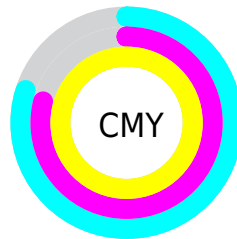


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (79%)



Cyan (80%)

Magenta (79%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 333500 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 333500 by changing the saturation by 10% instead.



 333500

 333500

 FFFFE5

 1C2000

 63632F

 000700

 7D7C47

 000000

 97965F

 B3B178

 CFCC92

 EBE8AD

 FFFFC8

 333500

■ 333505

■ 33350B

■ 343510

■ 343515

■ 34351B

■ 343520

■ 343525

■ 35352A

■ 353530

# Harmonies

## Analogous

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



472E01



333500



183A11

# Triad

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



333500



003C52



551E3E

# Complementary

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



333500



020035

# 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.



422752



333500



00385E

# Square

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



333500



003D3E



1C315E



5B1D28

# Rectangle

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



333500



003C1F



1C315E



512145



# Sweetspot

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



333500



444530



350200



232417



A3A3A3



242424



# Same Dimension

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



333500



424500



193500



191A17



565900



D1D900



# Inverse Universe

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



020035



030045



1C0035



17171A



030059



0800D9



# Previews

## White Background



This preview shows how the Hex color 333500 looks on a white background.

## Color Contrast Check

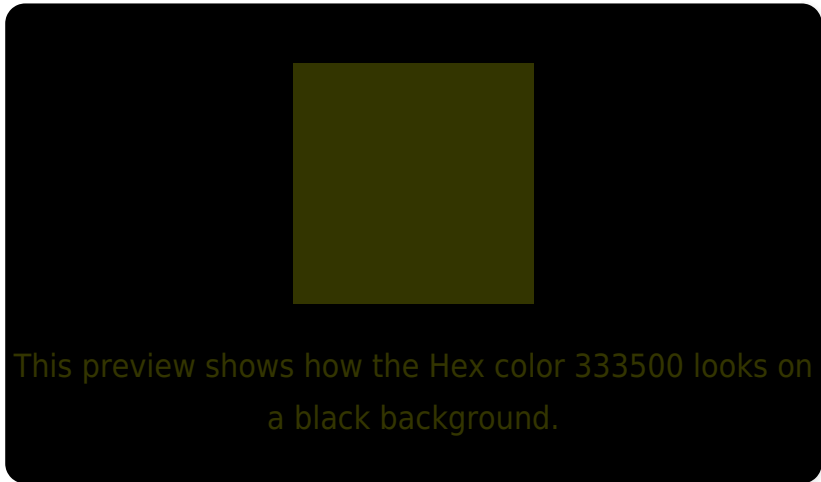
Large Text (above 18pt) WCAG AA ✓ Pass

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

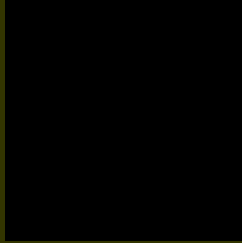
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

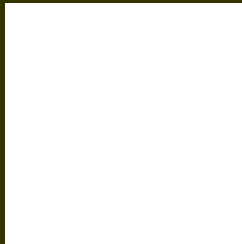
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 333500 Background



This preview shows how black text looks on a background with the Hex color 333500.

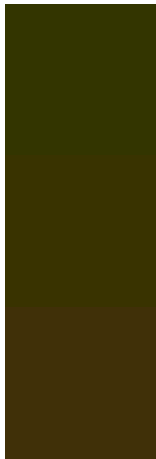


This preview shows how white text looks on a background with the Hex color 333500.

# 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**  
333500

**Protanopia**  
393300

**Deuteranopia**  
403008



**Tritanopia**  
373135

# Trichromacy



**Original Color**  
333500

**Protanomaly**  
373400

**Deuteranomaly**  
3B3205

**Tritanomaly**  
363222

# Monochromacy



**Original Color**  
333500

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
30311D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 333500 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 #333500 looks like.

```
.text, #text, p{  
    color:#333500  
}
```

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 #333500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333500
}
```

## Border

The CSS property to change the border of an element to Hex 333500 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
#333500 }
```

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

```
.border{ border-color:#333500 }
```

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

Here you see how a box with a 4 pixel #333500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333500; -webkit-box-shadow:4px 4px  
4px 4px #333500; box-shadow:4px 4px 4px  
4px #333500 }
```

# Background

The CSS property to change the background color of an element to Hex 333500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333500 }
```

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

```
.background{ background-color:#333500 }
```

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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