

# Converting Colors

Hex(333711)

Have a look what the booklet for  
Hex(333711) contains.

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# Color

**Hex(333711)**

# Conversions

## Conversions Part 1

Format	Color
Hex	333711
RGB	51, 55, 17
RGB Percent	20%, 22%, 7%
CMY	0.8000, 0.7843, 0.9333
CMYK	0.07, 0.00, 0.69, 0.78
HSL	66°, 53%, 14%
HSV	66°, 69%, 22%
XYZ	2.8326, 3.4767, 1.0521
YIQ	49.4720, 9.8140, -12.6660

# Conversions

## Conversions Part 2

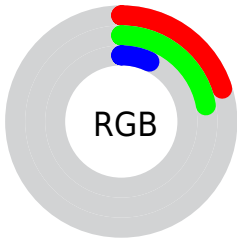
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 55, 21
Decimal	3356433
CIE Lab	21.86, -8.17, 22.68
CIE LCh	22, 24.104, 109.812
Yxy	3.4767, 0.3848, 0.4723
Android (android.graphics.Color)	4281546513 (0xFF333711)
YUV	49.4720, -16.0087, 1.3401
Hunter-Lab	18.6458, -5.5130, 9.7066

# Details

The Hex color **333711** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **151137**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **63663D**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **32370B**, and if you desaturate by 10%, it is **343716**.

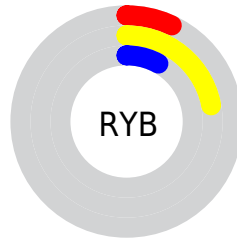
# Distribution



Red (20%)

Green (22%)

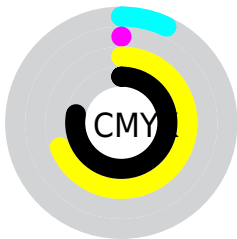
Blue (7%)



Red (7%)

Yellow (22%)

Blue (8%)

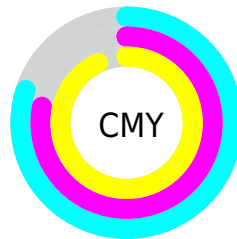


Cyan (7%)

Magenta (0%)

Yellow (69%)

Black (78%)



Cyan (80%)

Magenta (78%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 333711 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 333711 by changing the saturation by 10% instead.



 333711

 333711

 FFFFF4

 1E2200

 63663D

 000D00

 7C7F54

 000000

 96996D

 B1B387

 CDCFA1

 E9EBBC

 FFFFD8

 333711

 333711

■ 32370B

■ 343716

■ 323706

■ 34371C

■ 313700

■ 353721

■ 353727

■ 36372C

■ 363732

■ 373737

■ 38373D

■ 383743

# Harmonies

## Analogous

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



443110



333711



1E3B1C

# Triad

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



333711



003C4F



52263B

# Complementary

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



333711



151137

# 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.



442B4C



333711



003857

# Square

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



333711



003D40



2B3256



562629

# Rectangle

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



333711



083C27



2B3256



4F2741



# Sweetspot

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



333711



464738



371511



23241B



A3A3A3



242424



# Same Dimension

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



333711



41470C



203711



1C1C19



525C00



C4DB00



# Inverse Universe

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



151137



120C47



281137



1A191C



0A005C



1700DB



# Previews

## White Background



This preview shows how the Hex color 333711 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

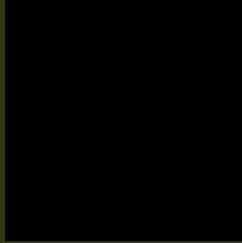
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 333711 Background



This preview shows how black text looks on a background with the Hex color 333711.



This preview shows how white text looks on a background with the Hex color 333711.

# 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**  
333711

**Protanopia**  
3B3510

**Deuteranopia**  
413213



**Tritanopia**  
373337

# Trichromacy



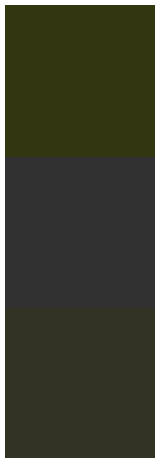
**Original Color**  
333711

**Protanomaly**  
383610

**Deuteranomaly**  
3C3412

**Tritanomaly**  
363429

# Monochromacy



**Original Color**  
333711

**Achromatopsia**  
313131

**Achromatomaly**  
323325

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 333711 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 #333711 looks like.

```
.text, #text, p{  
    color:#333711  
}
```

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 #333711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333711
}
```

## Border

The CSS property to change the border of an element to Hex 333711 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
#333711 }
```

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

```
.border{ border-color:#333711 }
```

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

Here you see how a box with a 4 pixel #333711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333711; -webkit-box-shadow:4px 4px  
4px 4px #333711; box-shadow:4px 4px 4px  
4px #333711 }
```

# Background

The CSS property to change the background color of an element to Hex 333711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333711 }
```

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

```
.background{ background-color:#333711 }
```

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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