

# Converting Colors

Hex(332F0B)

Have a look what the booklet for  
Hex(332F0B) contains.

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**Color**

**Hex(332F0B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	332F0B
RGB	51, 47, 11
RGB Percent	20%, 18%, 4%
CMY	0.8000, 0.8157, 0.9569
CMYK	0.00, 0.08, 0.78, 0.80
HSL	54°, 65%, 12%
HSV	54°, 78%, 20%
XYZ	2.4422, 2.7610, 0.7208
YIQ	44.0920, 13.9400, -10.3480

# Conversions

## Conversions Part 2

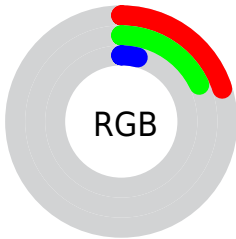
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 51, 11
Decimal	3354379
CIE Lab	19.06, -3.58, 22.55
CIE LCh	19, 22.834, 99.018
Yxy	2.7610, 0.4123, 0.4661
Android (android.graphics.Color)	4281544459 (0xFF332F0B)
YUV	44.0920, -16.3144, 6.0583
Hunter-Lab	16.6163, -2.8436, 9.0594

# Details

The Hex color **332F0B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B0F33**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **635D37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **332E06**, and if you desaturate by 10%, it is **333010**.

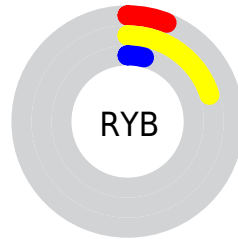
# Distribution



Red (20%)

Green (18%)

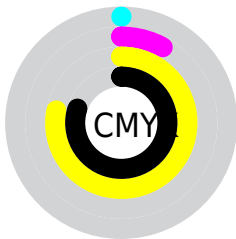
Blue (4%)



Red (6%)

Yellow (20%)

Blue (4%)

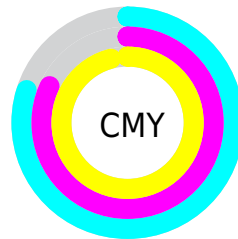


Cyan (0%)

Magenta (8%)

Yellow (78%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 332F0B 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 332F0B by changing the saturation by 10% instead.



 332F0B

 332F0B

 FFFFED

 1D1A00

 635D37

 000000

 7C754E

 978F66

 B2A980

 CDC49A

 EAE0B5

 FFFDD0

 332F0B

 332F0B

■ 332E06

■ 333010

■ 332E01

■ 333015

■ 332E00

■ 33311A

■ 33311F

■ 333225

■ 33322A

■ 33332F

■ 333334

■ 333439

# Harmonies

## Analogous

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



41290F



332F0B



213313

# Triad

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



332F0B



003643



46223B

# Complementary

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



332F0B



0B0F33

# 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.



362848



332F0B



00334D

# Square

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



332F0B



003733



192E4F



4D202A

# Rectangle

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



332F0B



11351C



192E4F



422440



# Sweetspot

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



332F0B



424132



330B0F



212018



A1A1A1



212121



# Same Dimension

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



332F0B



423C04



23330B



1A1917



595000



D9C300



# Inverse Universe

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



0B0F33



040A42



1B0B33



17171A



000959

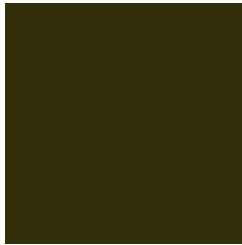


0016D9



# Previews

## White Background



This preview shows how the Hex color 332F0B looks on a white background.

## Color Contrast Check

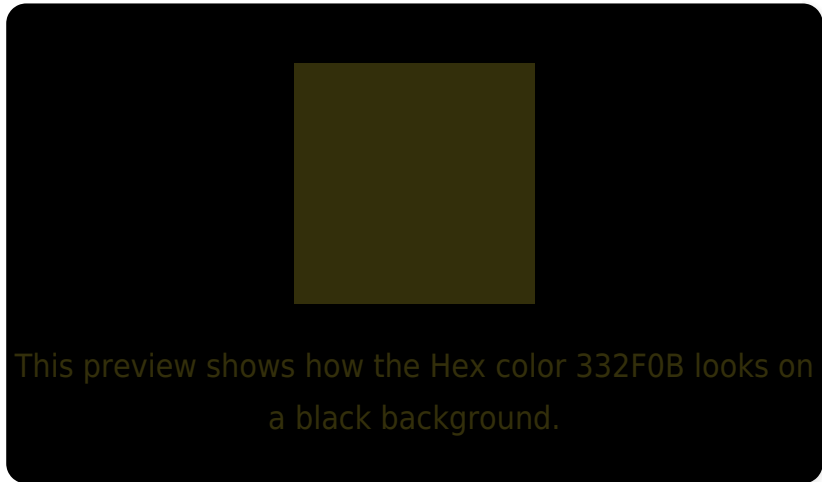
Large Text (above 18pt) WCAG AA ✓ Pass

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

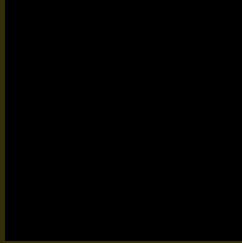
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 332F0B Background



This preview shows how black text looks on a background with the Hex color 332F0B.

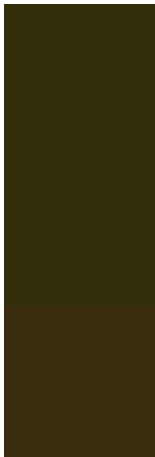


This preview shows how white text looks on a background with the Hex color 332F0B.

# 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**  
332F0B

**Protanopia**  
342F0B

**Deuteranopia**  
3A2C0C



**Tritanopia**  
362C2F

# Trichromacy



**Original Color**  
332F0B

**Protanomaly**  
342F0B

**Deuteranomaly**  
372D0C

**Tritanomaly**  
352D22

# Monochromacy



**Original Color**  
332F0B

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
2F2D20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 332F0B 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 #332F0B looks like.

```
.text, #text, p{  
    color:#332F0B  
}
```

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 #332F0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332F0B
}
```

## Border

The CSS property to change the border of an element to Hex 332F0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

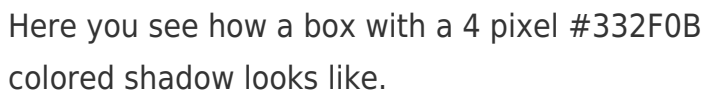
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#332F0B }
```

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

```
.border{ border-color:#332F0B }
```

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



Here you see how a box with a 4 pixel `#332F0B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332F0B; -webkit-box-shadow:4px 4px  
4px 4px #332F0B; box-shadow:4px 4px 4px  
4px #332F0B }
```

# Background

The CSS property to change the background color of an element to Hex 332F0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332F0B }
```

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

```
.background{ background-color:#332F0B }
```

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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