

Converting Colors

Hex(332602)

Have a look what the booklet for
Hex(332602) contains.

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Color

Hex(332602)

Conversions

Conversions Part 1

Format	Color
Hex	332602
RGB	51, 38, 2
RGB Percent	20%, 15%, 1%
CMY	0.8000, 0.8510, 0.9922
CMYK	0.00, 0.25, 0.96, 0.80
HSL	44°, 92%, 10%
HSV	44°, 96%, 20%
XYZ	2.0693, 2.0944, 0.3526
YIQ	37.7830, 19.3040, -8.4400

Conversions

Conversions Part 2

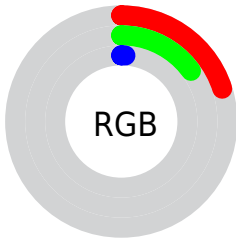
Format	Color
RYB	20, 51, 2
Decimal	3352066
CIELab	15.98, 1.79, 22.50
CIELCh	16, 22.571, 85.448
Yxy	2.0944, 0.4582, 0.4637
Android (android.graphics.Color)	4281542146 (0xFF332602)
YUV	37.7830, -17.6410, 11.5913
Hunter-Lab	14.4721, 0.1969, 8.6858

Details

The Hex color **332602** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **020F33**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **635330**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **332500**, and if you desaturate by 10%, it is **332707**.

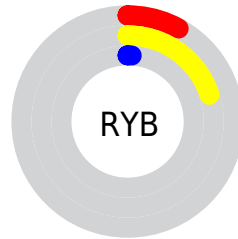
Distribution



Red (20%)

Green (15%)

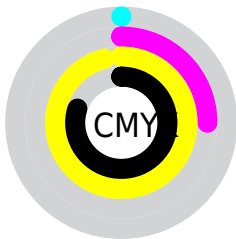
Blue (1%)



Red (8%)

Yellow (20%)

Blue (1%)

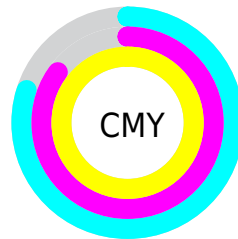


Cyan (0%)

Magenta (25%)

Yellow (96%)

Black (80%)



Cyan (80%)

Magenta (85%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 332602 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 332602 by changing the saturation by 10% instead.

 332602

 332602

 FFFFE4

 1C1200

 635330

 000000

 7D6B47

 97845F

 B29E78

 CEB992

 EBD4AD

 FFF1C8

 332602

 332602

■ 332500

■ 332707

■ 33290C

■ 332A11

■ 332B16

■ 332D1C

■ 332E21

■ 332F26

■ 33312B

■ 333230

Harmonies

Analogous

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



3E200C



332602



232B06

Triad

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



332602



002F35



391E3A

Complementary

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



332602



020F33

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.



242445



332602



002E42

Square

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



332602



002F25



002A48



43192B

Rectangle

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



332602



162D10



002A48



33203E

Sweetspot

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



332602



423D2F



33020F



211E16



A1A1A1



212121

Same Dimension

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



332602



423100



283302



1A1917



594200



D99F00

Inverse Universe

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



020F33



001242



0D0233



17181A



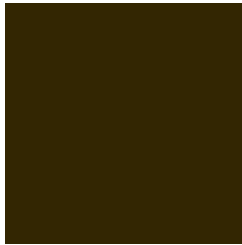
001859



003AD9

Previews

White Background



This preview shows how the Hex color 332602 looks on a white background.

Color Contrast Check

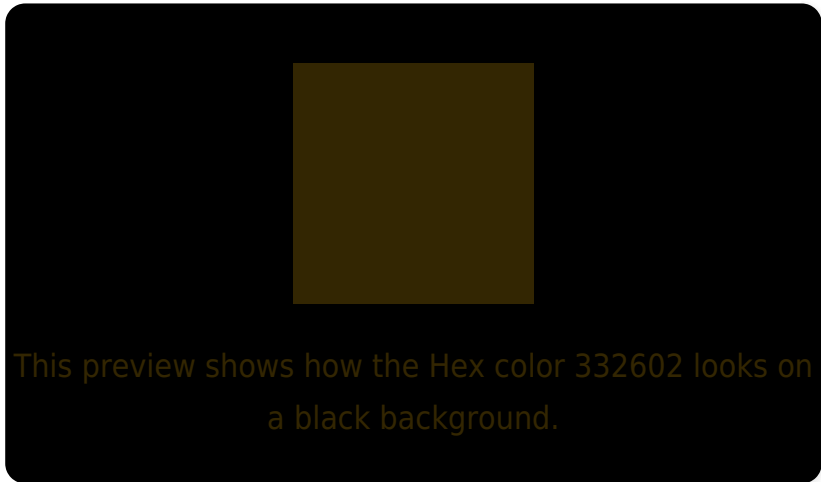
Large Text (above 18pt) WCAG AA ✓ Pass

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

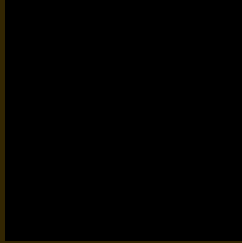
Any Text WCAG AA × Fail

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 332602 Background



This preview shows how black text looks on a background with the Hex color 332602.

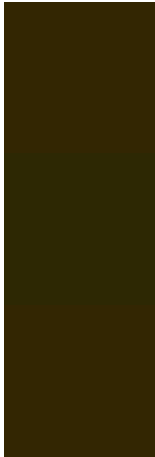


This preview shows how white text looks on a background with the Hex color 332602.

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](#).

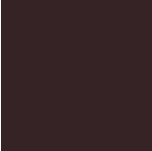
Dichromacy



Original Color
332602

Protanopia
2D2803

Deuteranopia
332602



Tritanopia
352326

Trichromacy



Original Color
332602

Protanomaly
2F2703

Deuteranomaly
332602

Tritanomaly
342419

Monochromacy



Original Color
332602

Achromatopsia
262626

Achromatomaly
2B2619

CSS Examples

Text

The CSS property to change the color of the text to Hex 332602 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 #332602 looks like.

```
.text, #text, p{  
    color:#332602  
}
```

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 #332602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #332602
}
```

Border

The CSS property to change the border of an element to Hex 332602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

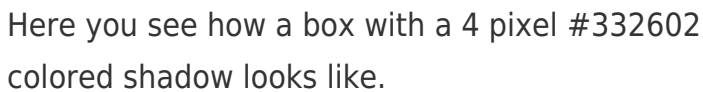
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#332602 }
```

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

```
.border{ border-color:#332602 }
```

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



Here you see how a box with a 4 pixel #332602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #332602; -webkit-box-shadow:4px 4px  
4px 4px #332602; box-shadow:4px 4px 4px  
4px #332602 }
```

Background

The CSS property to change the background color of an element to Hex 332602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#332602 }
```

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

```
.background{ background-color:#332602 }
```

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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