

# Converting Colors

Hex(342702)

Have a look what the booklet for  
Hex(342702) contains.

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**Color**

**Hex(342702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	342702
RGB	52, 39, 2
RGB Percent	20%, 15%, 1%
CMY	0.7961, 0.8471, 0.9922
CMYK	0.00, 0.25, 0.96, 0.80
HSL	44°, 93%, 11%
HSV	44°, 96%, 20%
XYZ	2.1526, 2.1855, 0.3658
YIQ	38.6690, 19.6250, -8.7510

# Conversions

## Conversions Part 2

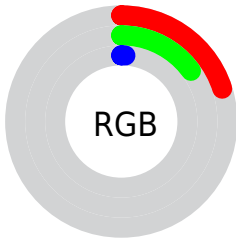
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 52, 2
Decimal	3417858
CIELab	16.43, 1.67, 23.10
CIElCh	16, 23.159, 85.861
Yxy	2.1855, 0.4576, 0.4646
Android (android.graphics.Color)	4281607938 (0xFF342702)
YUV	38.6690, -18.0778, 11.6913
Hunter-Lab	14.7834, 0.1210, 8.8812

# Details

The Hex color **342702** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **020F34**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **645430**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342600**, and if you desaturate by 10%, it is **342807**.

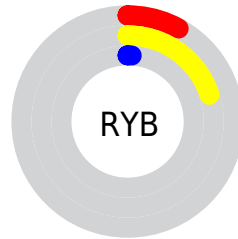
# Distribution



Red (20%)

Green (15%)

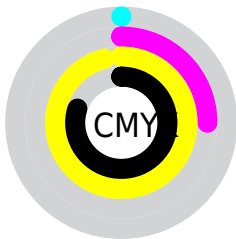
Blue (1%)



Red (8%)

Yellow (20%)

Blue (1%)

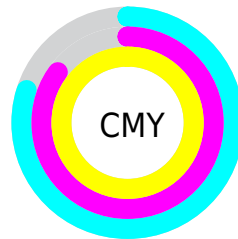


Cyan (0%)

Magenta (25%)

Yellow (96%)

Black (80%)



Cyan (80%)

Magenta (85%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 342702 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 342702 by changing the saturation by 10% instead.



 342702

 342702

 FFFFE4

 1D1300

 645430

 000000

 7E6C47

 98855F

 B49F78

 D0BA92

 ECD6AD

 FFF2C8

 342702

 342702

■ 342600

■ 342807

■ 342A0C

■ 342B12

■ 342C17

■ 342E1C

■ 342F21

■ 343026

■ 34322C

■ 343331

# Harmonies

## Analogous

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



40210C



342702



242C07

# Triad

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



342702



003137



3B1E3B

# Complementary

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



342702



020F34

# 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.



252546



342702



002F44

# Square

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



342702



003126



002B4A



451A2C

# Rectangle

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



342702



162E10



002B4A



352140



# Sweetspot

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



342702



454031



34020F



242017



A3A3A3



242424



# Same Dimension

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



342702



453300



283402



1A1917



594200



D9A000



# Inverse Universe

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



020F34



001245



0E0234



17181A



001759

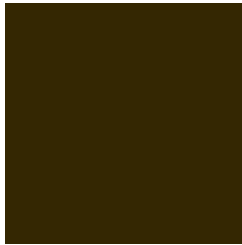


0038D9



# Previews

## White Background



This preview shows how the Hex color 342702 looks on a white background.

## Color Contrast Check

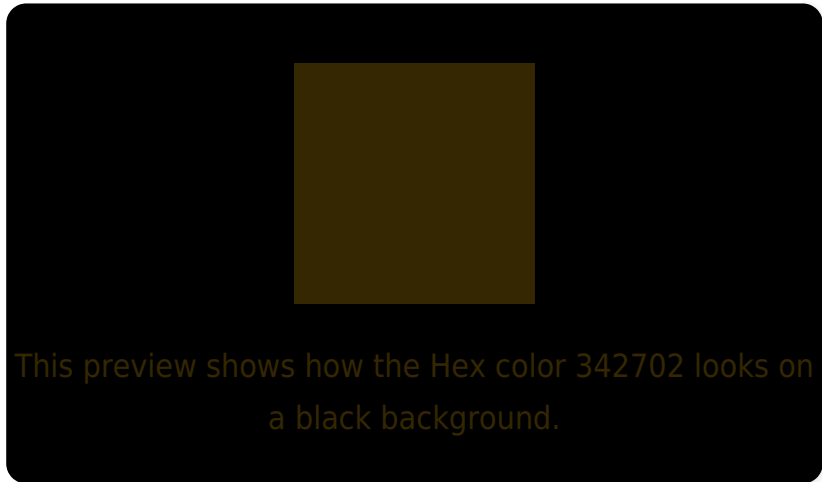
Large Text (above 18pt) WCAG AA ✓ Pass

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

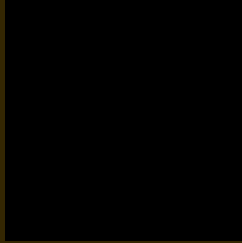
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 342702 Background



This preview shows how black text looks on a background with the Hex color 342702.

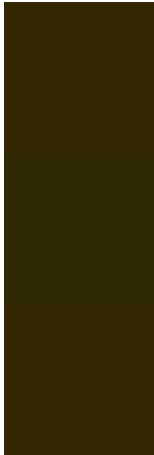


This preview shows how white text looks on a background with the Hex color 342702.

# 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**  
342702

**Protanopia**  
2E2903

**Deuteranopia**  
342702



**Tritanopia**  
362427

# Trichromacy



**Original Color**  
342702

**Protanomaly**  
302803

**Deuteranomaly**  
342702

**Tritanomaly**  
35251A

# Monochromacy



**Original Color**  
342702

**Achromatopsia**  
272727

**Achromatomaly**  
2C271A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 342702 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 #342702 looks like.

```
.text, #text, p{  
    color:#342702  
}
```

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 #342702 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342702
}
```

## Border

The CSS property to change the border of an element to Hex 342702 is called "border". The border property can be set on classes, ids or directly on the HTML element.

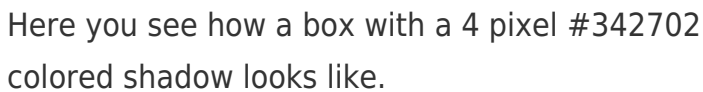
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342702 }
```

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

```
.border{ border-color:#342702 }
```

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



Here you see how a box with a 4 pixel #342702 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342702; -webkit-box-shadow:4px 4px  
4px 4px #342702; box-shadow:4px 4px 4px  
4px #342702 }
```

# Background

The CSS property to change the background color of an element to Hex 342702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342702 }
```

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

```
.background{ background-color:#342702 }
```

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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