

Converting Colors

Hex(340400)

Have a look what the booklet for
Hex(340400) contains.

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Color

Hex(340400)

Conversions

Conversions Part 1

Format	Color
Hex	340400
RGB	52, 4, 0
RGB Percent	20%, 2%, 0%
CMY	0.7961, 0.9843, 1.0000
CMYK	0.00, 0.92, 1.00, 0.80
HSL	5°, 100%, 10%
HSV	5°, 100%, 20%
XYZ	1.4596, 0.8169, 0.0807
YIQ	17.8960, 29.8920, 8.9320

Conversions

Conversions Part 2

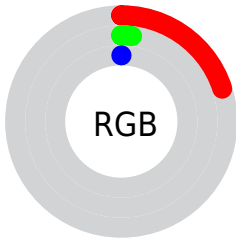
Format	Color
R _Y B	52, 4, 0
Decimal	3408896
CIE Lab	7.38, 23.51, 11.57
CIE LCh	7, 26.200, 26.200
Yxy	0.8169, 0.6192, 0.3465
Android (android.graphics.Color)	4281598976 (0xFF340400)
YUV	17.8960, -8.8227, 29.9092
Hunter-Lab	9.0382, 13.0092, 5.7971

Details

The Hex color **340400** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003034**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **663130**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **340400**, and if you desaturate by 10%, it is **340905**.

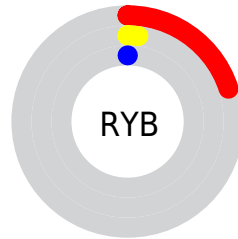
Distribution



Red (20%)

Green (2%)

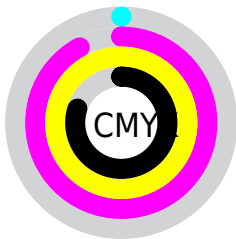
Blue (0%)



Red (20%)

Yellow (2%)

Blue (0%)

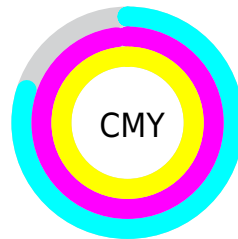


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 340400 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 340400 by changing the saturation by 10% instead.

 340400

 340400

 FFE7E2

 190001

 663130

 000000

 804846

 9B615E

 B77A77

 D49490

 F1AFAB

 FFCAC6

 340400

■ 340905

■ 340E0A

■ 341210

■ 341715

■ 341C1A

■ 34211F

■ 342624

■ 342A2A

■ 342F2F

Harmonies

Analogous

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



330219



340400



2C0D00

Triad

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



340400



001E00



001939

Complementary

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



340400



003034

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.



001D33



340400



002013

Square

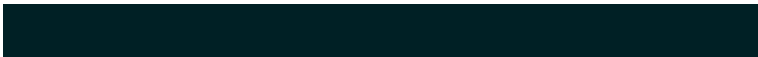
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



340400



0B1A00



002025



0F1336

Rectangle

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



340400



241300



002025



001B38

Sweetspot

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



340400



453230



340031



241817



A3A3A3



242424

Same Dimension

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



340400



450500



341D00



1A1717



590700



D91100

Inverse Universe

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



003034



004045



001734



17191A



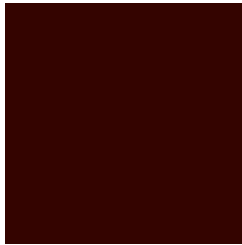
005259



00C8D9

Previews

White Background



This preview shows how the Hex color 340400 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

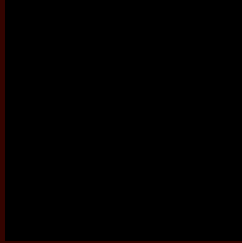
Any Text WCAG AA × Fail

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 340400 Background



This preview shows how black text looks on a background with the Hex color 340400.

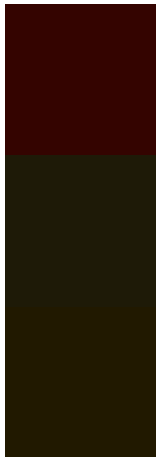


This preview shows how white text looks on a background with the Hex color 340400.

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
340400

Protanopia
1E1A07

Deuteranopia
211900



Tritanopia
340500

Trichromacy



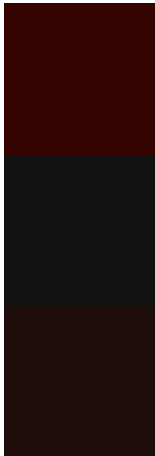
Original Color
340400

Protanomaly
261204

Deuteranomaly
281100

Tritanomaly
340500

Monochromacy



Original Color
340400

Achromatopsia
121212

Achromatomaly
1E0D0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 340400 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 #340400 looks like.

```
.text, #text, p{  
    color:#340400  
}
```

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 #340400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340400
}
```

Border

The CSS property to change the border of an element to Hex 340400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

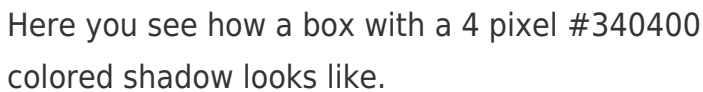
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#340400 }
```

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

```
.border{ border-color:#340400 }
```

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



Here you see how a box with a 4 pixel #340400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340400; -webkit-box-shadow:4px 4px  
4px 4px #340400; box-shadow:4px 4px 4px  
4px #340400 }
```

Background

The CSS property to change the background color of an element to Hex 340400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340400 }
```

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

```
.background{ background-color:#340400 }
```

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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