

Converting Colors

Hex(344913)

Have a look what the booklet for
Hex(344913) contains.

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Color

Hex(344913)

Conversions

Conversions Part 1

Format	Color
Hex	344913
RGB	52, 73, 19
RGB Percent	20%, 29%, 7%
CMY	0.7961, 0.7137, 0.9255
CMYK	0.29, 0.00, 0.74, 0.71
HSL	83°, 59%, 18%
HSV	83°, 74%, 29%
XYZ	3.9163, 5.5422, 1.4794
YIQ	60.5650, 4.8180, -21.2460

Conversions

Conversions Part 2

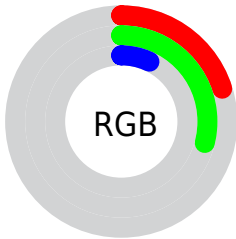
Format	Color
R_{YB}	19, 73, 40
Decimal	3426579
CIE _{Lab}	28.23, -17.94, 28.53
CIE _{LCh}	28, 33.699, 122.159
Yxy	5.5422, 0.3580, 0.5067
Android (android.graphics.Color)	4281616659 (0xFF344913)
YUV	60.5650, -20.4915, -7.5115
Hunter-Lab	23.5418, -11.5041, 12.7533

Details

The Hex color **344913** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **281349**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **657A41**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **31490C**, and if you desaturate by 10%, it is **37491A**.

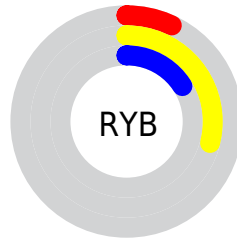
Distribution



Red (20%)

Green (29%)

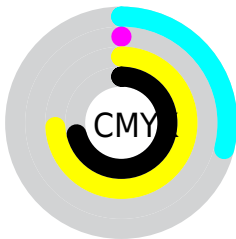
Blue (7%)



Red (7%)

Yellow (29%)

Blue (16%)

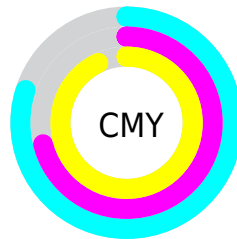


Cyan (29%)

Magenta (0%)

Yellow (74%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344913 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 344913 by changing the saturation by 10% instead.

 344913

 344913

 FFFFFFFA

 1E3200

 657A41

 001E00

 7E9459

 000000

 99AE72

 B4CA8C

 D0E6A6

 ECFFC2

 FFFFDE

 344913

 344913

■ 31490C

■ 37491A

■ 2E4904

■ 3A4922

■ 2D4900

■ 3D4929

■ 3F4930

■ 424937

■ 45493F

■ 484946

■ 4B494D

■ 4E4955

Harmonies

Analogous

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



4E4209



344913



084D29

Triad

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



344913



004B70



712A42

Complementary

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



344913



281349

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.



63305B



344913



004576

Square

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



344913



004F5E



453B6F



702E28

Rectangle

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



344913



004F3B



453B6F



6E2B4B

Sweetspot

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



344913



565E4A



492813



2C3024



B0B0B0



303030

Same Dimension

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



344913



3E5E0A



194913



222420



3D6300



8BE300

Inverse Universe

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



281349



2B0A5E



431349



222024



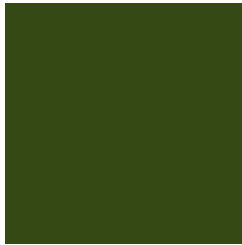
270063



5800E3

Previews

White Background



This preview shows how the Hex color 344913 looks on a white background.

Color Contrast Check

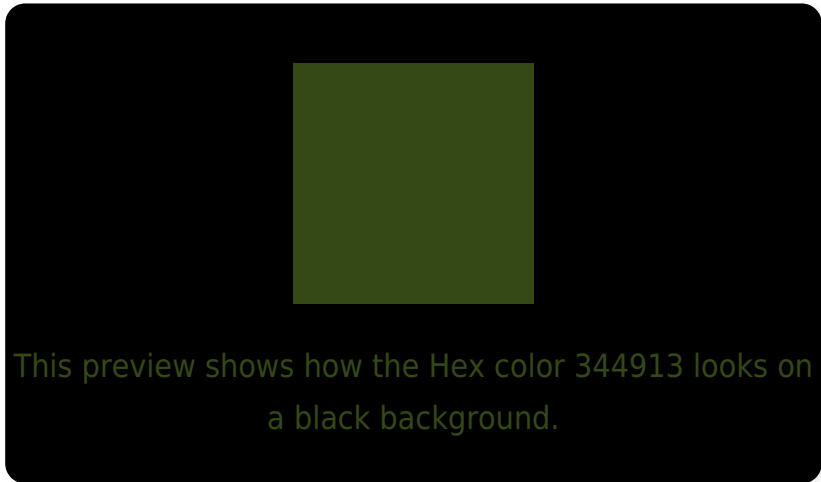
Large Text (above 18pt) WCAG AA ✓ Pass

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

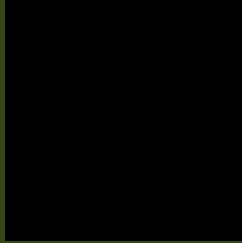
Any Text WCAG AA × Fail

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 344913 Background



This preview shows how black text looks on a background with the Hex color 344913.



This preview shows how white text looks on a background with the Hex color 344913.

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
344913

Protanopia
4B4311

Deuteranopia
533F17



Tritanopia
3B444A

Trichromacy



Original Color
344913

Protanomaly
434512

Deuteranomaly
484316

Tritanomaly
384636

Monochromacy



Original Color
344913

Achromatopsia
3D3D3D

Achromatomaly
3A412E

CSS Examples

Text

The CSS property to change the color of the text to Hex 344913 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 #344913 looks like.

```
.text, #text, p{  
    color:#344913  
}
```

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 #344913 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344913
}
```

Border

The CSS property to change the border of an element to Hex 344913 is called "border". The border property can be set on classes, ids or directly on the HTML element.

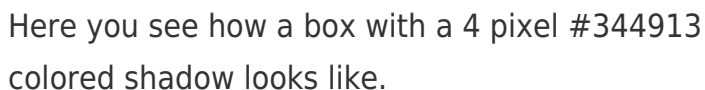
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344913 }
```

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

```
.border{ border-color:#344913 }
```

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



Here you see how a box with a 4 pixel #344913 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344913; -webkit-box-shadow:4px 4px  
4px 4px #344913; box-shadow:4px 4px 4px  
4px #344913 }
```

Background

The CSS property to change the background color of an element to Hex 344913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344913 }
```

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

```
.background{ background-color:#344913 }
```

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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