

# Converting Colors

Hex(344E18)

Have a look what the booklet for  
Hex(344E18) contains.

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# Color

**Hex(344E18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	344E18
RGB	52, 78, 24
RGB Percent	20%, 31%, 9%
CMY	0.7961, 0.6941, 0.9059
CMYK	0.33, 0.00, 0.69, 0.69
HSL	89°, 53%, 20%
HSV	89°, 69%, 31%
XYZ	4.3054, 6.2448, 1.8426
YIQ	64.0700, 1.8380, -22.3060

# Conversions

## Conversions Part 2

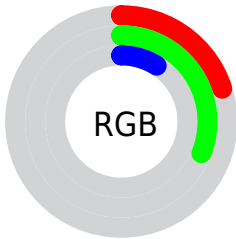
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 78, 50
Decimal	3427864
CIELab	30.02, -20.13, 28.00
CIELCh	30, 34.488, 125.718
Yxy	6.2448, 0.3474, 0.5039
Android (android.graphics.Color)	4281617944 (0xFF344E18)
YUV	64.0700, -19.7545, -10.5854
Hunter-Lab	24.9896, -12.9782, 13.1210

# Details

The Hex color **344E18** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **32184E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **657F46**, and **032200** is the 20% darker color. If you saturate the color by 10%, you get **304E10**, and if you desaturate by 10%, it is **384E20**.

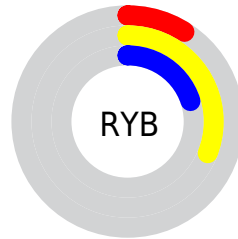
# Distribution



Red (20%)

Green (31%)

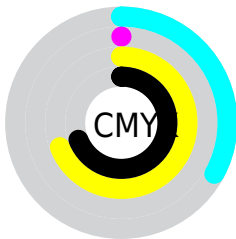
Blue (9%)



Red (9%)

Yellow (31%)

Blue (20%)

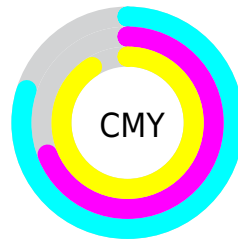


Cyan (33%)

Magenta (0%)

Yellow (69%)

Black (69%)



Cyan (80%)

Magenta (69%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 344E18 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 344E18 by changing the saturation by 10% instead.





344E18



344E18

FFFFFF



1D3700



657F46



032200



7E995E



000000



99B477



B4D091



D0ECAC



ECFFC8



FFFFE4



344E18



344E18

■ 304E10

■ 384E20

■ 2C4E08

■ 3C4E28

■ 294E01

■ 3F4E2F

■ 284E00

■ 434E37

■ 474E3F

■ 4B4E47

■ 4E4E4F

■ 524E56

■ 564E5E

# Harmonies

## Analogous

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



50470C



344E18



005230

# Triad

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



344E18



004F77



772E43

# Complementary

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



344E18



32184E

# 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.



6B325D



344E18



14487C

# Square

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



344E18



005365



4E3D72



743329

# Rectangle

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



344E18



005342



4E3D72



752E4C



# Sweetspot

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



344E18



5C6651



4E3118



2D3326



B3B3B3



333333



# Same Dimension

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



344E18



3D6611



1A4E18



242622



356600



77E600



# Inverse Universe

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



32184E



3A1166



4C184E



242226



310066

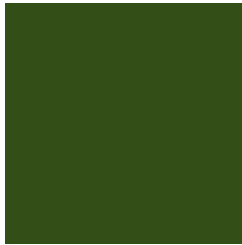


6F00E6



# Previews

## White Background



This preview shows how the Hex color 344E18 looks on a white background.

## Color Contrast Check

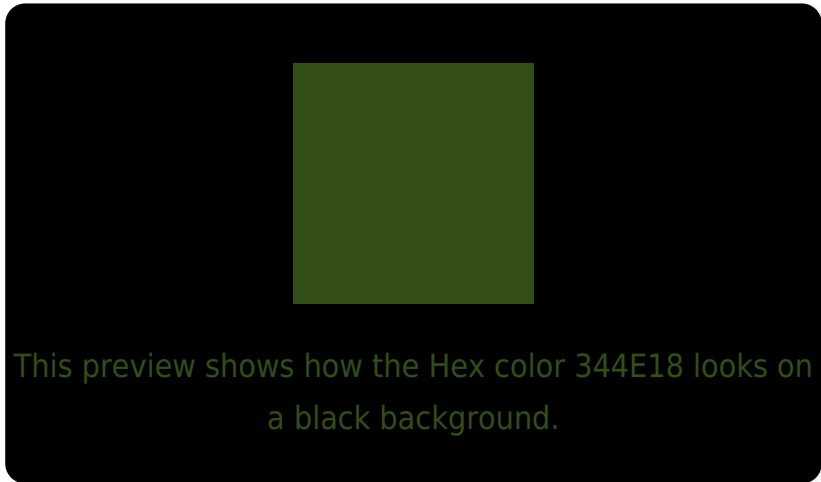
Large Text (above 18pt) WCAG AA ✓ Pass

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

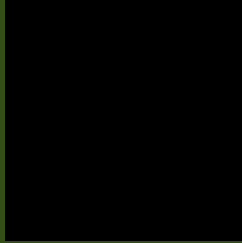
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 344E18 Background



This preview shows how black text looks on a background with the Hex color 344E18.



This preview shows how white text looks on a background with the Hex color 344E18.

# 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](#).

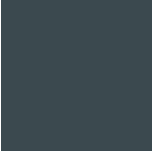
## Dichromacy



**Original Color**  
344E18

**Protanopia**  
4F4716

**Deuteranopia**  
58431C



**Tritanopia**  
3B494F

# Trichromacy



**Original Color**  
344E18

**Protanomaly**  
454A17

**Deuteranomaly**  
4B471B

**Tritanomaly**  
384B3B

# Monochromacy



**Original Color**  
344E18

**Achromatopsia**  
404040

**Achromatomaly**  
3C4531

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 344E18 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 #344E18 looks like.

```
.text, #text, p{  
    color:#344E18  
}
```

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 #344E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344E18
}
```

## Border

The CSS property to change the border of an element to Hex 344E18 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
#344E18 }
```

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

```
.border{ border-color:#344E18 }
```

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

Here you see how a box with a 4 pixel #344E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344E18; -webkit-box-shadow:4px 4px  
4px 4px #344E18; box-shadow:4px 4px 4px  
4px #344E18 }
```

# Background

The CSS property to change the background color of an element to Hex 344E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344E18 }
```

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

```
.background{ background-color:#344E18 }
```

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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