

# Converting Colors

Hex(344C14)

Have a look what the booklet for  
Hex(344C14) contains.

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**Color**

**Hex(344C14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	344C14
RGB	52, 76, 20
RGB Percent	20%, 30%, 8%
CMY	0.7961, 0.7020, 0.9216
CMYK	0.32, 0.00, 0.74, 0.70
HSL	86°, 58%, 19%
HSV	86°, 74%, 30%
XYZ	4.1269, 5.9495, 1.5927
YIQ	62.4400, 3.6720, -22.5040

# Conversions

## Conversions Part 2

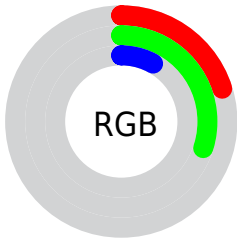
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 76, 44
Decimal	3427348
CIE <sub>Lab</sub>	29.28, -19.45, 29.16
CIE <sub>LCh</sub>	29, 35.058, 123.706
Yxy	5.9495, 0.3537, 0.5099
Android (android.graphics.Color)	4281617428 (0xFF344C14)
YUV	62.4400, -20.9229, -9.1559
Hunter-Lab	24.3915, -12.4841, 13.2026

# Details

The Hex color **344C14** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **2C144C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **657D42**, and **012000** is the 20% darker color. If you saturate the color by 10%, you get **314C0C**, and if you desaturate by 10%, it is **374C1C**.

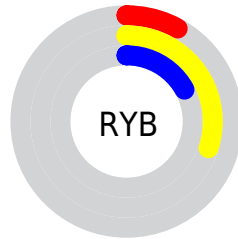
# Distribution



Red (20%)

Green (30%)

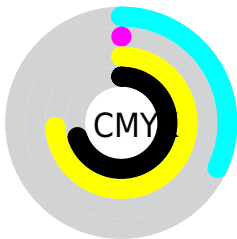
Blue (8%)



Red (8%)

Yellow (30%)

Blue (17%)

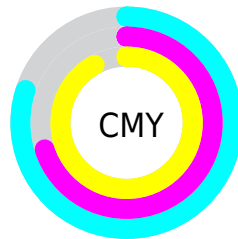


Cyan (32%)

Magenta (0%)

Yellow (74%)

Black (70%)



Cyan (80%)

Magenta (70%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 344C14 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 344C14 by changing the saturation by 10% instead.





344C14



344C14

FFFFFFC



1E3500



657D42



012000



7E975A



000000



99B273



B4CD8D



D0E9A8



ECFFC3



FFFFDF



344C14



344C14

■ 314C0C

■ 374C1C

■ 2D4C05

■ 3B4C23

■ 2B4C00

■ 3E4C2B

■ 414C32

■ 444C3A

■ 484C42

■ 4B4C49

■ 4E4C51

■ 514C58

# Harmonies

## Analogous

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



504508



344C14



01502C

# Triad

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



344C14



004E75



752B43

# Complementary

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



344C14



2C144C

# 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.



68315E



344C14



01477B

# Square

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



344C14



005162



4A3C72



743028

# Rectangle

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



344C14



00523E



4A3C72



732C4C



# Sweetspot

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



344C14



5A634E



4C2B14



2D3326



B3B3B3



333333



# Same Dimension

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



344C14



3E630C



194C14



252622



3A6600



83E600



# Inverse Universe

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



2C144C



310C63



47144C



242226



2C0066

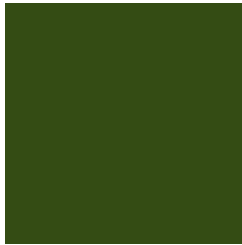


6200E6



# Previews

## White Background



This preview shows how the Hex color 344C14 looks on a white background.

## Color Contrast Check

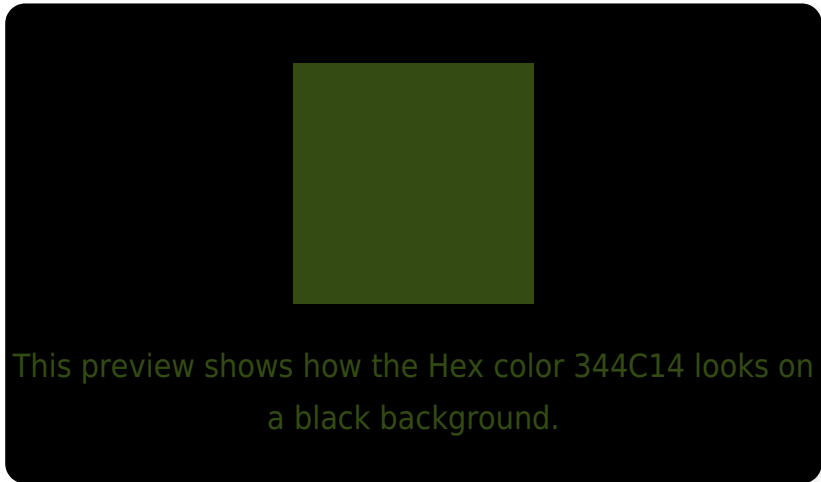
Large Text (above 18pt) WCAG AA ✓ Pass

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

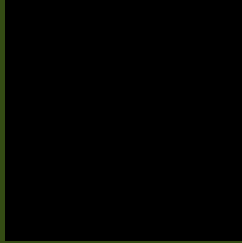
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 344C14 Background



This preview shows how black text looks on a background with the Hex color 344C14.



This preview shows how white text looks on a background with the Hex color 344C14.

# 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](#).

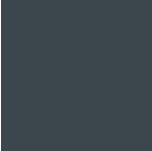
## Dichromacy



**Original Color**  
344C14

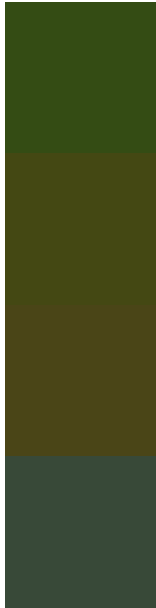
**Protanopia**  
4D4512

**Deuteranopia**  
564118



**Tritanopia**  
3B474D

# Trichromacy



**Original Color**  
344C14

**Protanomaly**  
444813

**Deuteranomaly**  
4A4517

**Tritanomaly**  
384938

# Monochromacy



**Original Color**  
344C14

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
3A432F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 344C14 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 #344C14 looks like.

```
.text, #text, p{  
    color:#344C14  
}
```

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 #344C14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344C14
}
```

## Border

The CSS property to change the border of an element to Hex 344C14 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
#344C14 }
```

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

```
.border{ border-color:#344C14 }
```

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

Here you see how a box with a 4 pixel #344C14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344C14; -webkit-box-shadow:4px 4px  
4px 4px #344C14; box-shadow:4px 4px 4px  
4px #344C14 }
```

# Background

The CSS property to change the background color of an element to Hex 344C14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344C14 }
```

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

```
.background{ background-color:#344C14 }
```

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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