

# Converting Colors

Hex(34944C)

Have a look what the booklet for  
Hex(34944C) contains.

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**Color**

**Hex(34944C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34944C
RGB	52, 148, 76
RGB Percent	20%, 58%, 30%
CMY	0.7961, 0.4196, 0.7020
CMYK	0.65, 0.00, 0.49, 0.42
HSL	135°, 48%, 39%
HSV	135°, 65%, 58%
XYZ	13.3106, 22.4317, 10.4657
YIQ	111.0880, -34.1040, -42.7440

# Conversions

## Conversions Part 2

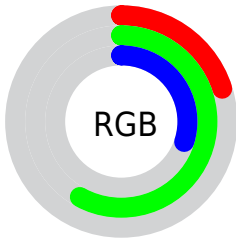
Format	Color
<b>RYB</b>	52, 129, 148
Decimal	3445836
CIELab	54.48, -44.15, 29.91
CIELCh	54, 53.326, 145.888
Yxy	22.4317, 0.2881, 0.4855
Android (android.graphics.Color)	4281635916 (0xFF34944C)
YUV	111.0880, -17.2984, -51.8202
Hunter-Lab	47.3621, -32.7182, 20.0520

# Details

The Hex color **34944C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **94347C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6DCB7E**, and **00601D** is the 20% darker color. If you saturate the color by 10%, you get **259441**, and if you desaturate by 10%, it is **439457**.

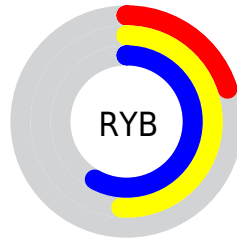
# Distribution



Red (20%)

Green (58%)

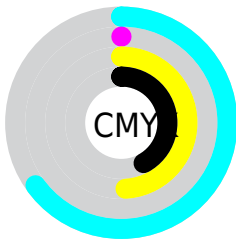
Blue (30%)



Red (20%)

Yellow (51%)

Blue (58%)

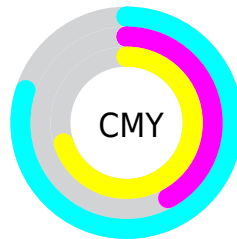


Cyan (65%)

Magenta (0%)

Yellow (49%)

Black (42%)



Cyan (80%)

Magenta (42%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34944C 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 34944C by changing the saturation by 10% instead.



 34944C

 34944C

FFFFFF

 0E7A34

 6DCB7E

 00601D

 89E798

 004704

 A5FFB4

 003000

 C2FFCF

 001800

 DFFFEC

 000000

FDFFFF

 34944C

 34944C

 259441

 439457

■ 169436

■ 529462

■ 08942B

■ 60946D

■ 009425

■ 6F9478

■ 7E9484

■ 8D948F

■ 9C949A

■ AA94A5

■ B994B0

# Harmonies

## Analogous

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



738C28



34944C



00987A

# Triad

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



34944C



0089DE



D55B5D

# Complementary

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



34944C



94347C

# 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.



D2588B



34944C



7879D6

# Square

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



34944C



0094CE



B465B7



C26C36

# Rectangle

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



34944C



00999A



B465B7



D6586C



# Sweetspot

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



34944C



9BBFA4



7C9434



4B6150



E0E0E0



616161



# Same Dimension

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



34944C



2ABF4F



34947C



434A44



008A22



000A03



# Inverse Universe

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



94347C



BF2A9A



94344C



4A4348



8A0067



0A0008



# Previews

## White Background



This preview shows how the Hex color 34944C looks on a white background.

## Color Contrast Check

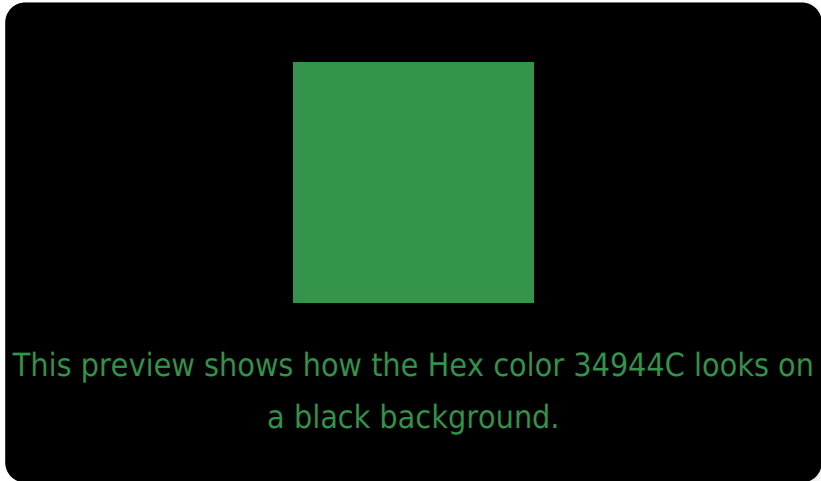
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



## Hex 34944C Background



This preview shows how black text looks on a background with the Hex color 34944C.

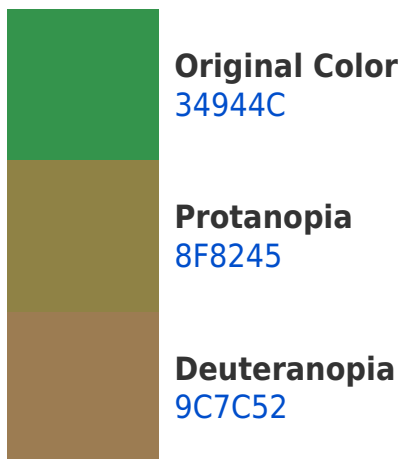


This preview shows how white text looks on a background with the Hex color 34944C.

# 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](#).

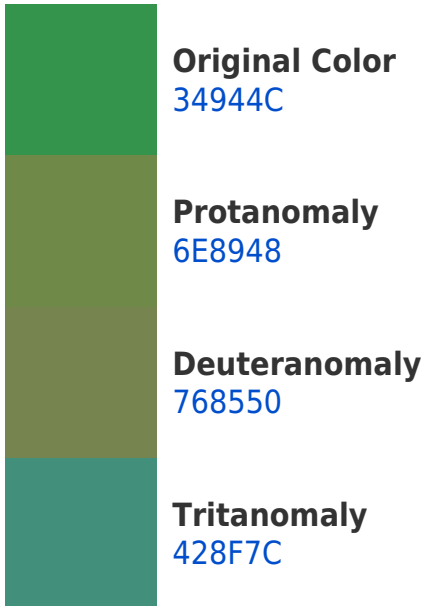
## Dichromacy



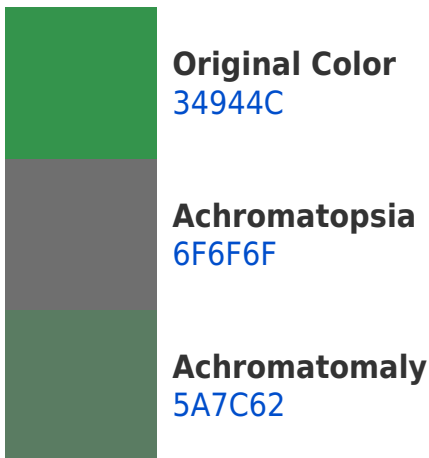


**Tritanopia**  
4A8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34944C 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 #34944C looks like.

```
.text, #text, p{  
    color:#34944C  
}
```

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 #34944C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34944C
}
```

## Border

The CSS property to change the border of an element to Hex 34944C 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
#34944C }
```

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

```
.border{ border-color:#34944C }
```

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

Here you see how a box with a 4 pixel #34944C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34944C; -webkit-box-shadow:4px 4px  
4px 4px #34944C; box-shadow:4px 4px 4px  
4px #34944C }
```

# Background

The CSS property to change the background color of an element to Hex 34944C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34944C }
```

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

```
.background{ background-color:#34944C }
```

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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