

# Converting Colors

Hex(34844B)

Have a look what the booklet for  
Hex(34844B) contains.

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**Color**

**Hex(34844B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34844B
RGB	52, 132, 75
RGB Percent	20%, 52%, 29%
CMY	0.7961, 0.4824, 0.7059
CMYK	0.61, 0.00, 0.43, 0.48
HSL	137°, 43%, 36%
HSV	137°, 61%, 52%
XYZ	10.9374, 17.7406, 9.5044
YIQ	101.5820, -29.3830, -34.6870

# Conversions

## Conversions Part 2

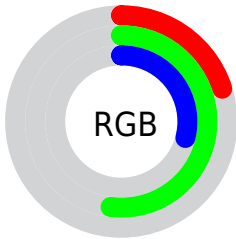
Format	Color
<a href="#">RYB</a>	<a href="#">52, 114, 132</a>
Decimal	<a href="#">3441739</a>
CIELab	<a href="#">49.18, -37.75, 23.66</a>
CIElCh	<a href="#">49, 44.551, 147.922</a>
Yxy	<a href="#">17.7406, 0.2865, 0.4646</a>
Android (android.graphics.Color)	<a href="#">4281631819 (0xFF34844B)</a>
YUV	<a href="#">101.5820, -13.1049, -43.4834</a>
Hunter-Lab	<a href="#">42.1196, -27.3571, 16.1047</a>

# Details

The Hex color **34844B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **84346D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6ABA7D**, and **00511D** is the 20% darker color. If you saturate the color by 10%, you get **278442**, and if you desaturate by 10%, it is **418454**.

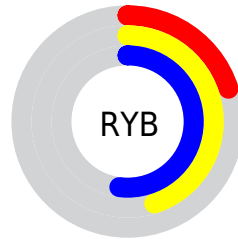
# Distribution



Red (20%)

Green (52%)

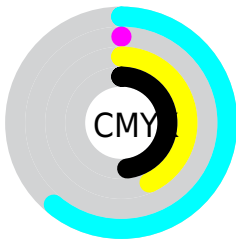
Blue (29%)



Red (20%)

Yellow (45%)

Blue (52%)

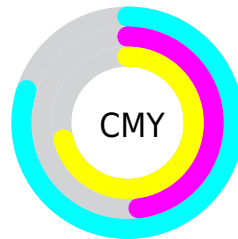


Cyan (61%)

Magenta (0%)

Yellow (43%)

Black (48%)



Cyan (80%)

Magenta (48%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34844B 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 34844B by changing the saturation by 10% instead.



 34844B

 34844B

FFFFFF

 146A34

 6ABA7D

 00511D

 86D697

 003A06

 A1F2B1

 002500

 BDFE9

 000000

 DAFEE9

 F7FFFF

 34844B

 34844B

 278442

 418454

 1A8438

 4E845E

 0C842F

 5C8467

 008426

 698471

 76847A

 838483

 90848D

 9E8496

 AB84A0

# Harmonies

## Analogous

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



677D2E



34844B



008771

# Triad

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



34844B



077AC0



B95754

# Complementary

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



34844B



84346D

# 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.



B75379



34844B



726CB8

# Square

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



34844B



0083B4



A15D9E



A96435

# Rectangle

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



34844B



00878B



A15D9E



BB5460



# Sweetspot

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



34844B



8CAB95



6D8434



445749



D6D6D6



575757



# Same Dimension

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



34844B



2EAB52



348473



3C423E



008225



000301



# Inverse Universe

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



84346D



AB2E87



843445



423C40



82005D



030002



# Previews

## White Background



This preview shows how the Hex color 34844B looks on a white background.

## Color Contrast Check

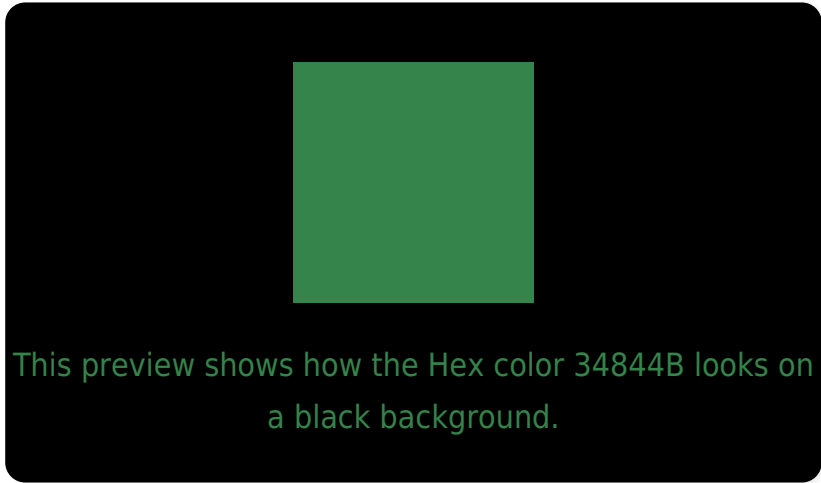
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 34844B Background



This preview shows how black text looks on a background with the Hex color 34844B.



This preview shows how white text looks on a background with the Hex color 34844B.

# 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**  
34844B

**Protanopia**  
7F7445

**Deuteranopia**  
8B6F50



**Tritanopia**  
457D87

# Trichromacy



**Original Color**  
34844B



**Protanomaly**  
647A47



**Deuteranomaly**  
6B774E



**Tritanomaly**  
3F8071

# Monochromacy



**Original Color**  
34844B



**Achromatopsia**  
666666



**Achromatomaly**  
54715C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34844B 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 #34844B looks like.

```
.text, #text, p{  
    color:#34844B  
}
```

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 #34844B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34844B
}
```

## Border

The CSS property to change the border of an element to Hex 34844B 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
#34844B }
```

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

```
.border{ border-color:#34844B }
```

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

Here you see how a box with a 4 pixel #34844B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34844B; -webkit-box-shadow:4px 4px  
4px 4px #34844B; box-shadow:4px 4px 4px  
4px #34844B }
```

# Background

The CSS property to change the background color of an element to Hex 34844B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34844B }
```

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

```
.background{ background-color:#34844B }
```

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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