

# Converting Colors

Hex(35844B)

Have a look what the booklet for  
Hex(35844B) contains.

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# Color

**Hex(35844B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35844B
RGB	53, 132, 75
RGB Percent	21%, 52%, 29%
CMY	0.7922, 0.4824, 0.7059
CMYK	0.60, 0.00, 0.43, 0.48
HSL	137°, 43%, 36%
HSV	137°, 60%, 52%
XYZ	10.9895, 17.7674, 9.5069
YIQ	101.8810, -28.7870, -34.4750

# Conversions

## Conversions Part 2

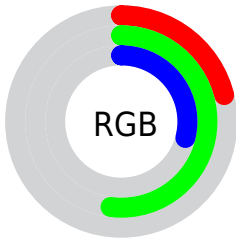
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 115, 132
Decimal	3507275
CIELab	49.21, -37.51, 23.71
CIElCh	49, 44.371, 147.701
Yxy	17.7674, 0.2872, 0.4643
Android (android.graphics.Color)	4281697355 (0xFF35844B)
YUV	101.8810, -13.2523, -42.8686
Hunter-Lab	42.1514, -27.2275, 16.1337

# Details

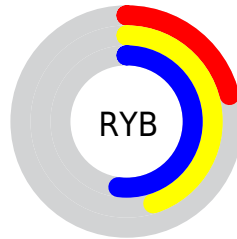
The Hex color **35844B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **84356E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6BBA7D**, and **00511D** is the 20% darker color. If you saturate the color by 10%, you get **288441**, and if you desaturate by 10%, it is **428455**.

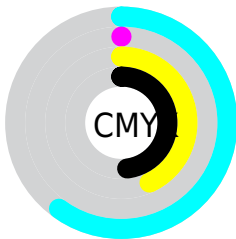
# Distribution



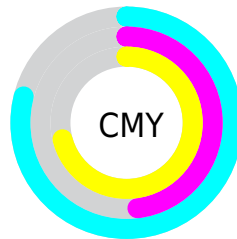
- Red (21%)
- Green (52%)
- Blue (29%)



- Red (21%)
- Yellow (45%)
- Blue (52%)



- Cyan (60%)
- Magenta (0%)
- Yellow (43%)
- Black (48%)



- Cyan (79%)
- Magenta (48%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35844B 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 35844B by changing the saturation by 10% instead.





35844B



35844B

FFFFFF



166A34



6BBA7D



00511D



86D697



003A06



A2F2B1



002500



BEFFCD



000000



DBFFE9



F8FFFF



35844B



35844B



288441



428455

■ 1B8438

■ 4F845E

■ 0D842E

■ 5D8468

■ 008425

■ 6A8471

■ 77847B

■ 848484

■ 91848E

■ 9F8497

■ AC84A1

# Harmonies

## Analogous

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



677D2E



35844B



008771

# Triad

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



35844B



087AC0



B95754

# Complementary

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



35844B



84356E

# 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.



B75479



35844B



716CB8

# Square

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



35844B



0083B4



A05D9E



A96436

# Rectangle

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



35844B



00878B



A05D9E



BB5460



# Sweetspot

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



35844B



8CAB95



6F8435



445749



D6D6D6



575757



# Same Dimension

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



35844B



30AB52



358472



3C423E



008224



000301



# Inverse Universe

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



84356E



AB3089



843547



423C40



82005E



030002



# Previews

## White Background



This preview shows how the Hex color 35844B looks on a white background.

## Color Contrast Check

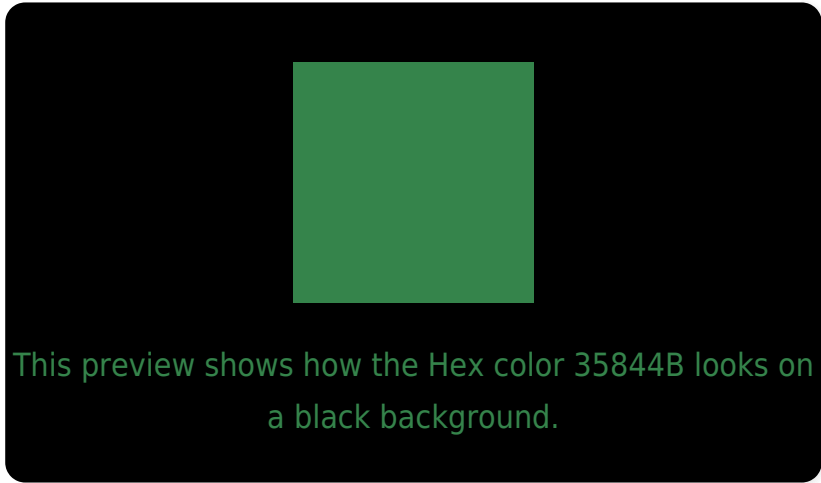
Large Text (above 18pt) WCAG AA ✓ Pass

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

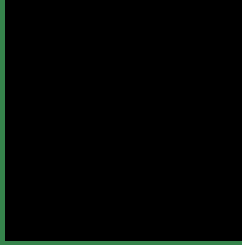
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 35844B Background



This preview shows how black text looks on a background with the Hex color 35844B.



This preview shows how white text looks on a background with the Hex color 35844B.

# 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**  
467D87

# Trichromacy



**Original Color**  
35844B

**Protanomaly**  
647A47

**Deuteranomaly**  
6C774E

**Tritanomaly**  
408071

# Monochromacy



**Original Color**  
35844B

**Achromatopsia**  
666666

**Achromatomaly**  
54715C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35844B 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 #35844B looks like.

```
.text, #text, p{  
    color:#35844B  
}
```

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 #35844B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35844B
}
```

## Border

The CSS property to change the border of an element to Hex 35844B 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
#35844B }
```

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

```
.border{ border-color:#35844B }
```

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

Here you see how a box with a 4 pixel #35844B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35844B; -webkit-box-shadow:4px 4px  
4px 4px #35844B; box-shadow:4px 4px 4px  
4px #35844B }
```

# Background

The CSS property to change the background color of an element to Hex 35844B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35844B }
```

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

```
.background{ background-color:#35844B }
```

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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