

# Converting Colors

Hex(34133B)

Have a look what the booklet for  
Hex(34133B) contains.

<b>Hex(34133B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(34133B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34133B
RGB	52, 19, 59
RGB Percent	20%, 7%, 23%
CMY	0.7961, 0.9255, 0.7686
CMYK	0.12, 0.68, 0.00, 0.77
HSL	290°, 51%, 15%
HSV	290°, 68%, 23%
XYZ	2.4385, 1.5116, 4.3009
YIQ	33.4270, 6.8280, 19.4360

# Conversions

## Conversions Part 2

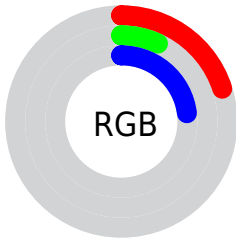
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 19, 59
Decimal	3412795
CIELab	12.68, 23.84, -18.66
CIElCh	13, 30.276, 321.946
Yxy	1.5116, 0.2955, 0.1832
Android (android.graphics.Color)	4281602875 (0xFF34133B)
YUV	33.4270, 12.6075, 16.2885
Hunter-Lab	12.2946, 13.8874, -12.1347




# Details

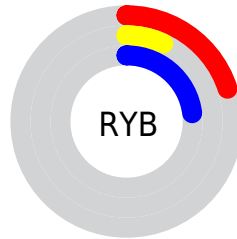
The Hex color **34133B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1A3B13**, and the grayscale version is **212121**.



A 20% lighter version of the original color is **64406B**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **330D3B**, and if you desaturate by 10%, it is **35193B**.

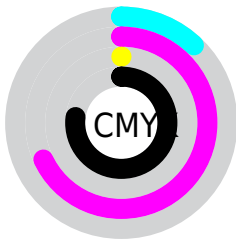
# Distribution







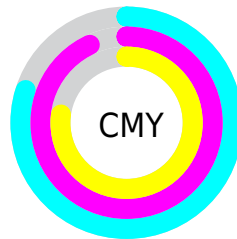
-  Red (20%)
-  Green (7%)
-  Blue (23%)






-  Red (20%)
-  Yellow (7%)
-  Blue (23%)



-  Cyan (12%)
-  Magenta (68%)
-  Yellow (0%)
-  Black (77%)



-  Cyan (80%)
-  Magenta (93%)
-  Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34133B 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 34133B by changing the saturation by 10% instead.



 34133B

 34133B

 FFF8FF

 200025

 64406B

 00010E

 7D5784

 000000

 98709E

 B38AB9

 CFA4D5

 EBC0F1

 FFDCFF

 34133B

 34133B

■ 330D3B

■ 35193B

■ 32073B

■ 361F3B

■ 31013B

■ 37253B

■ 31003B

■ 382B3B

■ 39313B

■ 3A363B

■ 3B3C3B

■ 3C423B

■ 3D483B

# Harmonies

## Analogous

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



111E48



34133B



430827

# Triad

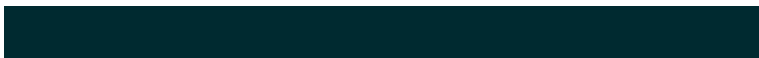
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34133B



2F1E00



002A30

# Complementary

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



34133B



1A3B13

# 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.



002A1A



34133B



1C2400

# Square

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



34133B



3E1400



002800



002942

# Rectangle

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



34133B



45081A



002800



002A29



# Sweetspot

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



34133B



4A3D4D



131A3B



251D26



A6A6A6



262626



# Same Dimension

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



34133B



420F4D



3B132E



1E1C1F



4E005E



B700DE



# Inverse Universe

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



3B131A



4D0F19



133B20



1F1C1C



5E0011



DE0027



# Previews

## White Background



This preview shows how the Hex color 34133B looks on a white background.

## Color Contrast Check

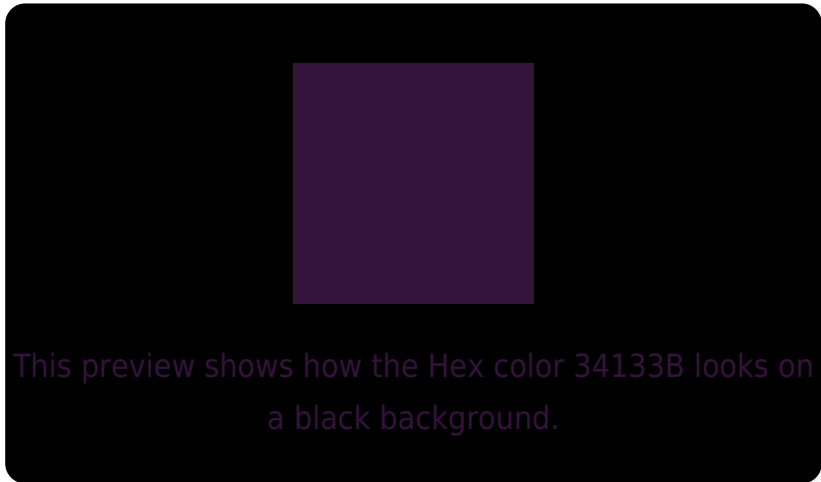
Large Text (above 18pt) WCAG AA ✓ Pass

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

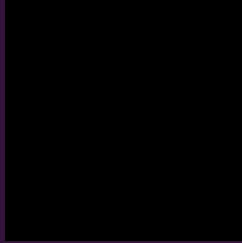
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 34133B Background



This preview shows how black text looks on a background with the Hex color 34133B.



This preview shows how white text looks on a background with the Hex color 34133B.

# 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**  
34133B

**Protanopia**  
002146

**Deuteranopia**  
142238



**Tritanopia**  
301C1E

# Trichromacy



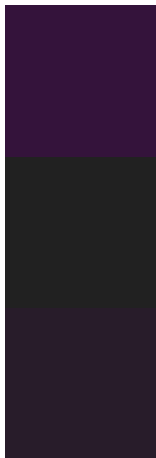
**Original Color**  
34133B

**Protanomaly**  
131C42

**Deuteranomaly**  
201D39

**Tritanomaly**  
311929

# Monochromacy



**Original Color**  
34133B

**Achromatopsia**  
212121

**Achromatomaly**  
281C2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34133B 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 #34133B looks like.

```
.text, #text, p{  
    color:#34133B  
}
```

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 #34133B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34133B
}
```

## Border

The CSS property to change the border of an element to Hex 34133B is called "border". The border property can be set on classes, ids or directly on the HTML element.

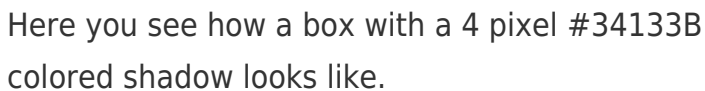
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34133B }
```

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

```
.border{ border-color:#34133B }
```

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



Here you see how a box with a 4 pixel #34133B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34133B; -webkit-box-shadow:4px 4px  
4px 4px #34133B; box-shadow:4px 4px 4px  
4px #34133B }
```

# Background

The CSS property to change the background color of an element to Hex 34133B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34133B }
```

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

```
.background{ background-color:#34133B }
```

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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