

# Converting Colors

Hex(34351B)

Have a look what the booklet for  
Hex(34351B) contains.

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# Color

**Hex(34351B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34351B
RGB	52, 53, 27
RGB Percent	20%, 21%, 11%
CMY	0.7961, 0.7922, 0.8941
CMYK	0.02, 0.00, 0.49, 0.79
HSL	62°, 33%, 16%
HSV	62°, 49%, 21%
XYZ	2.8871, 3.3554, 1.5324
YIQ	49.7370, 7.7500, -8.2980

# Conversions

## Conversions Part 2

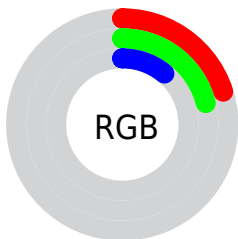
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 53, 28
Decimal	3421467
CIE Lab	21.41, -5.26, 16.22
CIE LCh	21, 17.052, 107.973
Yxy	3.3554, 0.3713, 0.4316
Android (android.graphics.Color)	4281611547 (0xFF34351B)
YUV	49.7370, -11.2093, 1.9847
Hunter-Lab	18.3178, -3.9223, 7.8624

# Details

The Hex color **34351B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C1B35**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **636347**, and **000900** is the 20% darker color. If you saturate the color by 10%, you get **343516**, and if you desaturate by 10%, it is **343520**.

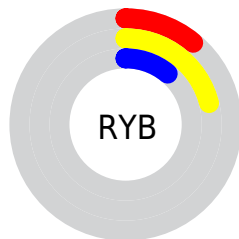
# Distribution



 Red (20%)

 Green (21%)

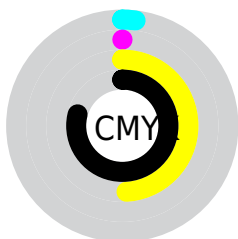
 Blue (11%)




 Red (11%)

 Yellow (21%)

 Blue (11%)

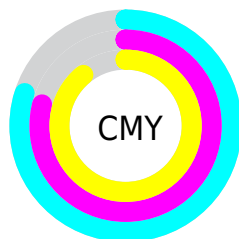


 Cyan (2%)

 Magenta (0%)

 Yellow (49%)

 Black (79%)



 Cyan (80%)

 Magenta (79%)

 Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34351B 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 34351B by changing the saturation by 10% instead.





34351B



34351B

FFFFFF



1F2002



636347



000900



7C7C5F



000000



969678



B1B191



CDCCAC



E9E8C7



FFFFE3



34351B



34351B

■ 343516

■ 343520

■ 343510

■ 343526

■ 33350B

■ 35352B

■ 333506

■ 353530

■ 333500

■ 353535

■ 35353B

■ 353540

■ 363545

■ 36354B

# Harmonies

## Analogous

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



40311B



34351B



263822

# Triad

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



34351B



003946



492A39

# Complementary

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



34351B



1C1B35

# 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.



3E2D44



34351B



17364C

# Square

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



34351B



023A3B



2D324B



4C2A2C

# Rectangle

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



34351B



1B392A



2D324B



462B3D



# Sweetspot

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



34351B



44453B



351C1B



23241D



A3A3A3



242424



# Same Dimension

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



34351B



43451C



27351B



191A17



565900



D0D900



# Inverse Universe

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



1C1B35



1E1C45



291B35



17171A



030059



0800D9



# Previews

## White Background



This preview shows how the Hex color 34351B looks on a white background.

## Color Contrast Check

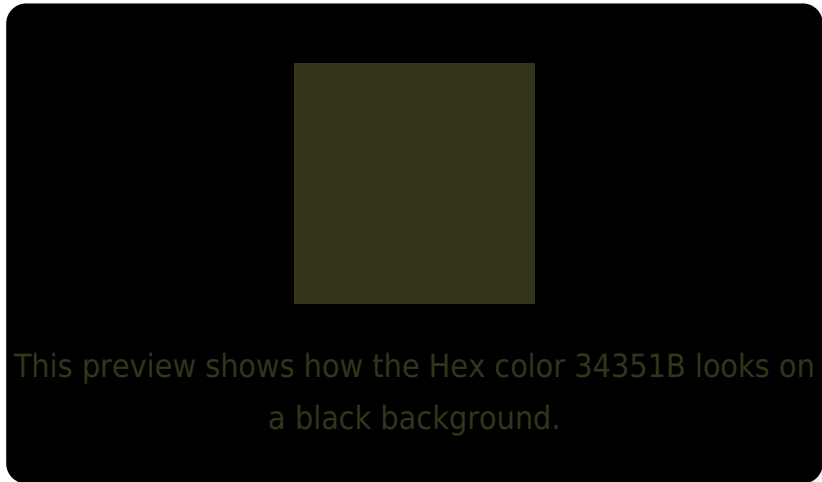
Large Text (above 18pt) WCAG AA ✓ Pass

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

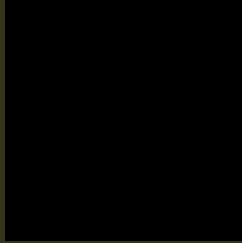
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

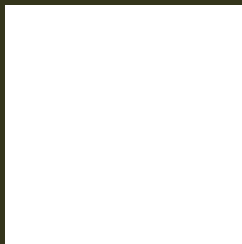
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34351B Background



This preview shows how black text looks on a background with the Hex color 34351B.

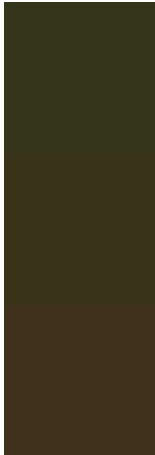


This preview shows how white text looks on a background with the Hex color 34351B.

# 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**  
34351B

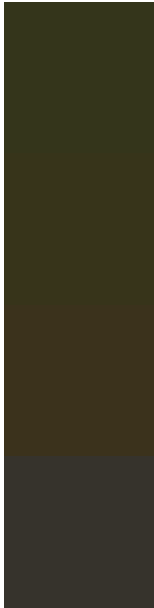
**Protanopia**  
39331A

**Deuteranopia**  
3F311C



**Tritanopia**  
373236

# Trichromacy



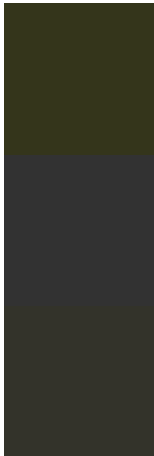
**Original Color**  
34351B

**Protanomaly**  
37341A

**Deuteranomaly**  
3B321C

**Tritanomaly**  
36332C

# Monochromacy



**Original Color**  
34351B

**Achromatopsia**  
323232

**Achromatomaly**  
33332A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34351B 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 #34351B looks like.

```
.text, #text, p{  
    color:#34351B  
}
```

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 #34351B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34351B
}
```

## Border

The CSS property to change the border of an element to Hex 34351B is called "border". The border property can be set on classes, ids or directly on the HTML element.

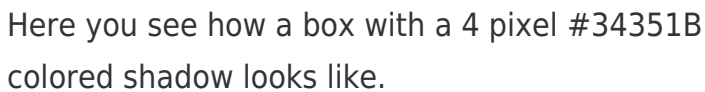
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34351B }
```

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

```
.border{ border-color:#34351B }
```

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



Here you see how a box with a 4 pixel #34351B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34351B; -webkit-box-shadow:4px 4px  
4px 4px #34351B; box-shadow:4px 4px 4px  
4px #34351B }
```

# Background

The CSS property to change the background color of an element to Hex 34351B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34351B }
```

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

```
.background{ background-color:#34351B }
```

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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