

Converting Colors

Hex(3D351B)

Have a look what the booklet for
Hex(3D351B) contains.

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Color

Hex(3D351B)

Conversions

Conversions Part 1

Format	Color
Hex	3D351B
RGB	61, 53, 27
RGB Percent	24%, 21%, 11%
CMY	0.7608, 0.7922, 0.8941
CMYK	0.00, 0.13, 0.56, 0.76
HSL	46°, 39%, 17%
HSV	46°, 56%, 24%
XYZ	3.3954, 3.6174, 1.5562
YIQ	52.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

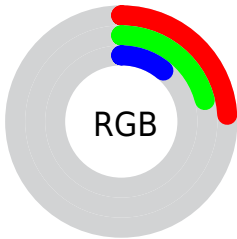
Format	Color
R_{YB}	37, 61, 27
Decimal	4011291
CIE Lab	22.36, -0.69, 17.61
CIE LCh	22, 17.623, 92.244
Yxy	3.6174, 0.3962, 0.4222
Android (android.graphics.Color)	4282201371 (0xFF3D351B)
YUV	52.4280, -12.5360, 7.5176
Hunter-Lab	19.0196, -1.4181, 8.4626

Details

The Hex color **3D351B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B233D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6E6347**, and **0B0900** is the 20% darker color. If you saturate the color by 10%, you get **3D3415**, and if you desaturate by 10%, it is **3D3621**.

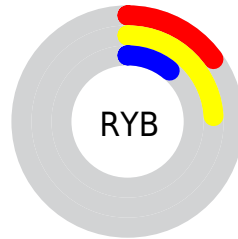
Distribution



Red (24%)

Green (21%)

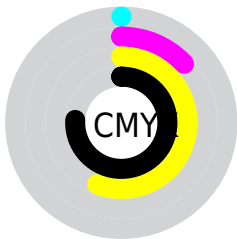
Blue (11%)



Red (15%)

Yellow (24%)

Blue (11%)

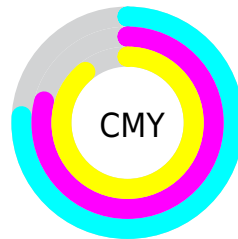


Cyan (0%)

Magenta (13%)

Yellow (56%)

Black (76%)



Cyan (76%)

Magenta (79%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D351B 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 3D351B by changing the saturation by 10% instead.



3D351B



3D351B

FFFFFF



272002



6E6347



0B0900



877C5F



000000



A29678



BDB191



D9CCAC



F6E8C7



FFFFE4



3D351B



3D351B

■ 3D3415

■ 3D3621

■ 3D320F

■ 3D3827

■ 3D3109

■ 3D392D

■ 3D2F03

■ 3D3B33

■ 3D2F00

■ 3D3C3A

■ 3D3E40

■ 3D3F46

■ 3D404C

■ 3D4252

Harmonies

Analogous

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



48301F



3D351B



2F391F

Triad

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



3D351B



003C43



472D42

Complementary

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



3D351B



1B233D

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.



38324C



3D351B



0A3A4C

Square

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



3D351B



0C3C36



24364F



4E2B35

Rectangle

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



3D351B



253B25



24364F



432F46

Sweetspot

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



3D351B



4F4C42



3D1B24



292721



A8A8A8



292929

Same Dimension

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



3D351B



4F431A



353D1B



1F1E1C



5E4800



DEAA00

Inverse Universe

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



1B233D



1A274F



241B3D



1C1C1F



00165E



0034DE

Previews

White Background



This preview shows how the Hex color 3D351B looks on a white background.

Color Contrast Check

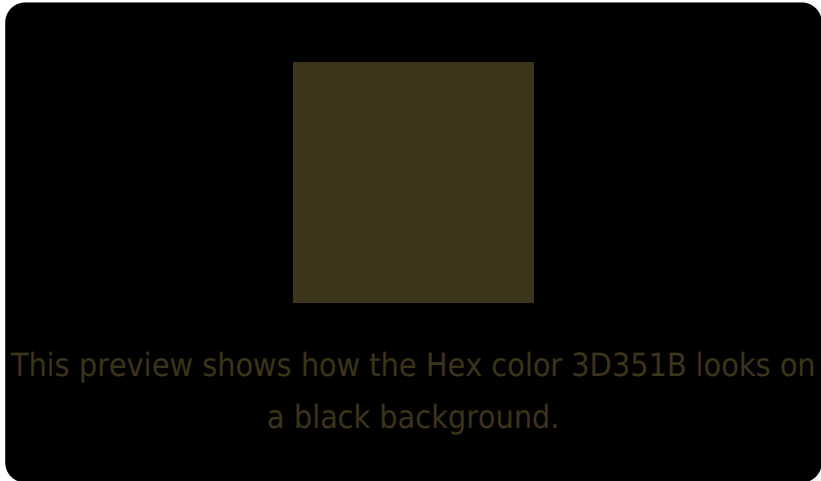
Large Text (above 18pt) WCAG AA ✓ Pass

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

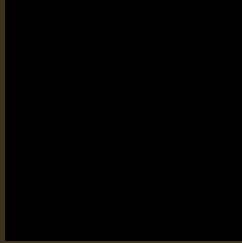
Any Text WCAG AA × Fail

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 3D351B Background



This preview shows how black text looks on a background with the Hex color 3D351B.

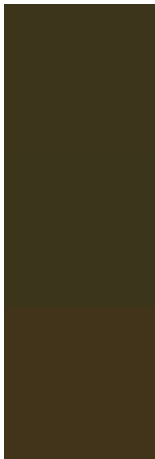


This preview shows how white text looks on a background with the Hex color 3D351B.

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](#).

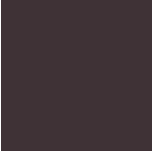
Dichromacy



Original Color
3D351B

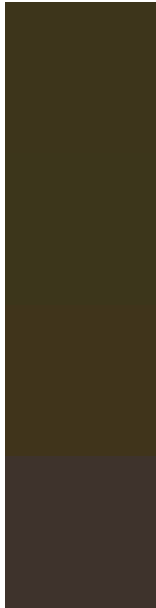
Protanopia
3B361B

Deuteranopia
42331B



Tritanopia
3F3236

Trichromacy



Original Color
3D351B

Protanomaly
3C361B

Deuteranomaly
40341B

Tritanomaly
3E332C

Monochromacy



Original Color
3D351B

Achromatopsia
343434

Achromatomaly
37342B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D351B 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 #3D351B looks like.

```
.text, #text, p{  
    color:#3D351B  
}
```

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 #3D351B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D351B
}
```

Border

The CSS property to change the border of an element to Hex 3D351B is called "border". The border property can be set on classes, ids or directly on the HTML element.

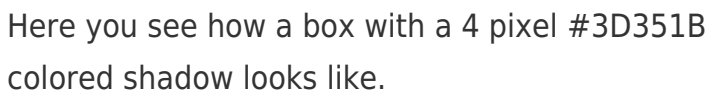
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D351B }
```

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

```
.border{ border-color:#3D351B }
```

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



Here you see how a box with a 4 pixel #3D351B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D351B; -webkit-box-shadow:4px 4px  
4px 4px #3D351B; box-shadow:4px 4px 4px  
4px #3D351B }
```

Background

The CSS property to change the background color of an element to Hex 3D351B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D351B }
```

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

```
.background{ background-color:#3D351B }
```

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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awesome pro features!

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