

# Converting Colors

Hex(39401B)

Have a look what the booklet for  
Hex(39401B) contains.

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**Color**

**Hex(39401B)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 39401B                    |
| RGB         | 57, 64, 27                |
| RGB Percent | 22%, 25%, 11%             |
| CMY         | 0.7765, 0.7490, 0.8941    |
| CMYK        | 0.11, 0.00, 0.58, 0.75    |
| HSL         | 71°, 41%, 18%             |
| HSV         | 71°, 58%, 25%             |
| XYZ         | 3.7186, 4.6158, 1.7319    |
| YIQ         | 57.6890, 7.7050, -12.9910 |

# Conversions

## Conversions Part 2

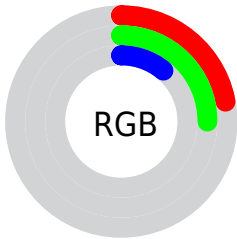
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">27, 64, 34</a>                     |
| Decimal                             | <a href="#">3751963</a>                        |
| CIELab                              | <a href="#">25.61, -9.62, 21.45</a>            |
| CIELCh                              | <a href="#">26, 23.503, 114.155</a>            |
| Yxy                                 | <a href="#">4.6158, 0.3694,<br/>0.4585</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4281942043<br/>(0xFF39401B)</a>    |
| YUV                                 | <a href="#">57.6890, -15.1297,<br/>-0.6043</a> |
| Hunter-Lab                          | <a href="#">21.4844, -6.7024,<br/>10.2597</a>  |

# Details

The Hex color **39401B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **221B40**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **697048**, and **071600** is the 20% darker color. If you saturate the color by 10%, you get **384015**, and if you desaturate by 10%, it is **3A4021**.

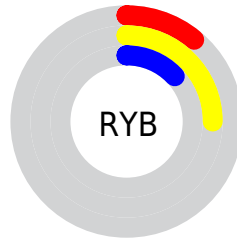
# Distribution



 Red (22%)

 Green (25%)

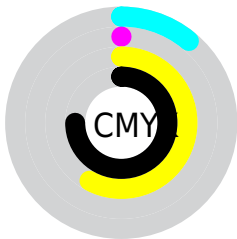
 Blue (11%)



 Red (11%)

 Yellow (25%)

 Blue (13%)

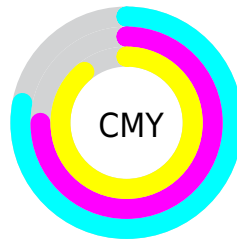


 Cyan (11%)

 Magenta (0%)

 Yellow (58%)

 Black (75%)



 Cyan (78%)

 Magenta (75%)

 Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39401B 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 39401B by changing the saturation by 10% instead.





39401B



39401B

FFFFFF



232A03



697048



071600



838960



000000



9DA379



B8BE93



D4DAAD



F0F7C9



FFFFE5



39401B



39401B

■ 384015

■ 3A4021

■ 37400E

■ 3B4028

■ 354008

■ 3D402E

■ 344001

■ 3E4035

■ 344000

■ 3F403B

■ 404041

■ 414048

■ 43404E

■ 444055

# Harmonies

## Analogous

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



4A3A18



39401B



244427

# Triad

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



39401B



004459



5C2E41

# Complementary

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



39401B



221B40

# 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.



4F3352



39401B



144060

# Square

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



39401B



00464B



39395D



5E2F2F

# Rectangle

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



39401B



104532



39395D



592F47



# Sweetspot

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



39401B



515446



40221B



2A2B23



ABABAB



2B2B2B



# Same Dimension

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



39401B



49541A



27401B



21211E



4F6100



B6E000



# Inverse Universe

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



221B40



251A54



341B40



1E1E21



120061



2A00E0



# Previews

## White Background



This preview shows how the Hex color 39401B looks on a white background.

## Color Contrast Check

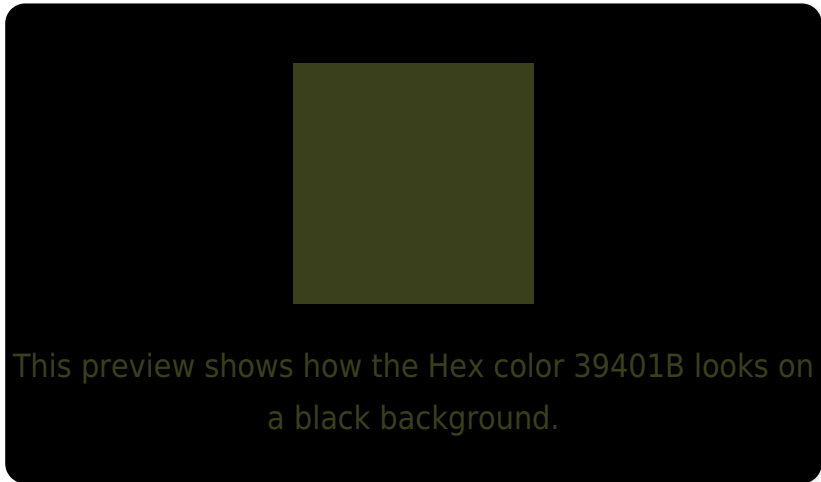
Large Text (above 18pt) WCAG AA ✓ Pass

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

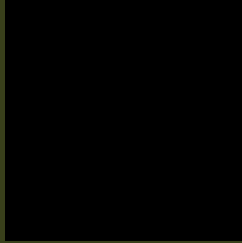
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

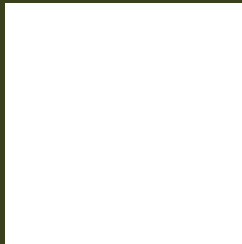
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39401B Background



This preview shows how black text looks on a background with the Hex color 39401B.



This preview shows how white text looks on a background with the Hex color 39401B.

# 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**  
39401B

**Protanopia**  
433D1A

**Deuteranopia**  
4B3A1D



**Tritanopia**  
3D3C41

# Trichromacy



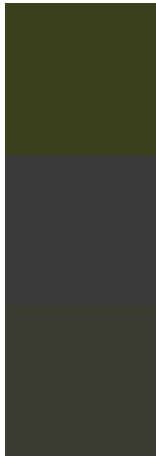
**Original Color**  
39401B

**Protanomaly**  
3F3E1A

**Deuteranomaly**  
443C1C

**Tritanomaly**  
3C3D33

# Monochromacy



**Original Color**  
39401B

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
3A3C2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39401B 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 #39401B looks like.

```
.text, #text, p{  
    color:#39401B  
}
```

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 #39401B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39401B
}
```

## Border

The CSS property to change the border of an element to Hex 39401B 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
#39401B }
```

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

```
.border{ border-color:#39401B }
```

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

Here you see how a box with a 4 pixel #39401B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39401B; -webkit-box-shadow:4px 4px  
4px 4px #39401B; box-shadow:4px 4px 4px  
4px #39401B }
```

# Background

The CSS property to change the background color of an element to Hex 39401B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39401B }
```

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

```
.background{ background-color:#39401B }
```

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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