

# Converting Colors

Hex(35301F)

Have a look what the booklet for  
Hex(35301F) contains.

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# Color

**Hex(35301F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35301F
RGB	53, 48, 31
RGB Percent	21%, 19%, 12%
CMY	0.7922, 0.8118, 0.8784
CMYK	0.00, 0.09, 0.42, 0.79
HSL	46°, 26%, 16%
HSV	46°, 42%, 21%
XYZ	2.7725, 2.9697, 1.7234
YIQ	47.5570, 8.4370, -4.2270

# Conversions

## Conversions Part 2

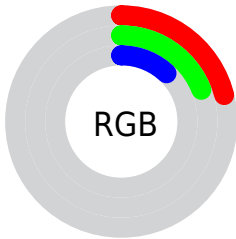
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 53, 31
Decimal	3485727
CIE Lab	19.92, -0.92, 11.72
CIE LCh	20, 11.755, 94.501
Yxy	2.9697, 0.3714, 0.3978
Android (android.graphics.Color)	4281675807 (0xFF35301F)
YUV	47.5570, -8.1626, 4.7735
Hunter-Lab	17.2329, -1.4399, 6.1336

# Details

The Hex color **35301F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1F2435**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **645E4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **352F1A**, and if you desaturate by 10%, it is **353124**.

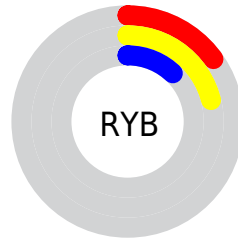
# Distribution



Red (21%)

Green (19%)

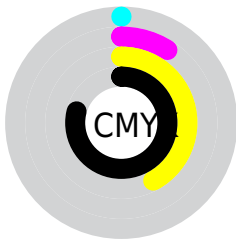
Blue (12%)



Red (15%)

Yellow (21%)

Blue (12%)

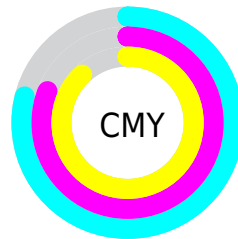


Cyan (0%)

Magenta (9%)

Yellow (42%)

Black (79%)



Cyan (79%)

Magenta (81%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35301F 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 35301F by changing the saturation by 10% instead.





35301F



35301F

FFFFFF



201B08



645E4B



000000



7D7763



97907C



B2AB96



CEC6B0



EAE2CC



FFFFE8



35301F



35301F

■ 352F1A

■ 353124

■ 352E14

■ 35322A

■ 352C0F

■ 35342F

■ 352B0A

■ 353534

■ 352A04

■ 353639

■ 352900

■ 35373F

■ 353844

■ 353A49

■ 353B4F

# Harmonies

## Analogous

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



3C2D21



35301F



2C3322

# Triad

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



35301F



16353A



3C2B38

# Complementary

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



35301F



1F2435

# 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.



332D3E



35301F



1B333F

# Square

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



35301F



193531



273041



412A2F

# Rectangle

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



35301F



253426



273041



3A2C3A



# Sweetspot

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



35301F



45433D



351F24



24231F



A3A3A3



242424



# Same Dimension

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



35301F



453D22



2F351F



1A1917



594500



D9A700



# Inverse Universe

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



1F2435



222A45



251F35



17181A



001459

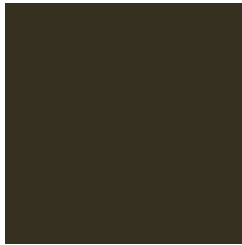


0031D9



# Previews

## White Background



This preview shows how the Hex color 35301F looks on a white background.

## Color Contrast Check

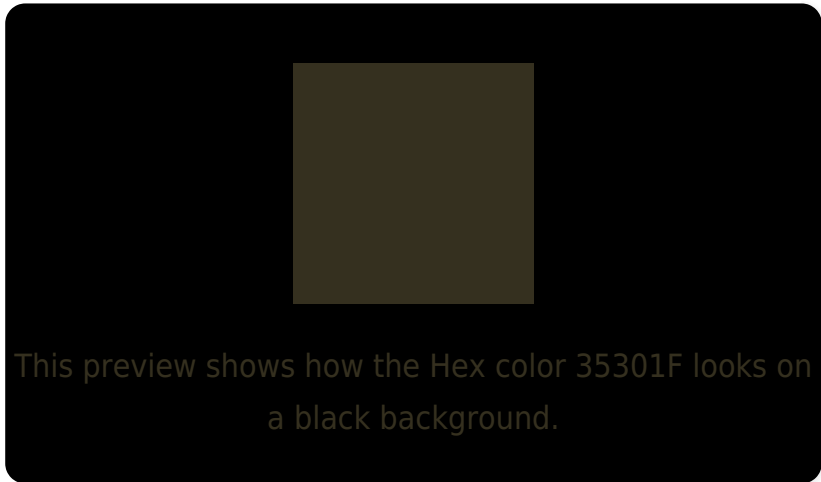
Large Text (above 18pt) WCAG AA ✓ Pass

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

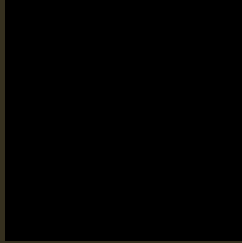
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

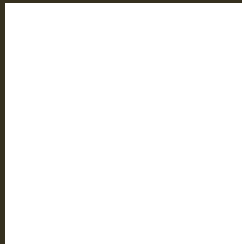
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35301F Background



This preview shows how black text looks on a background with the Hex color 35301F.

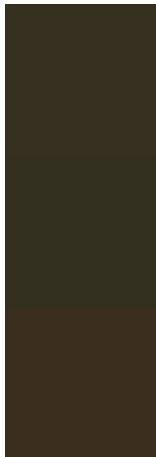


This preview shows how white text looks on a background with the Hex color 35301F.

# 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**  
35301F

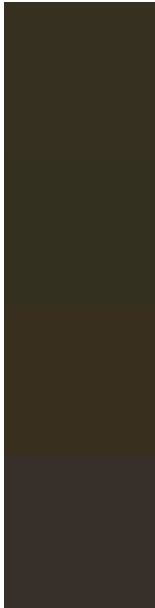
**Protanopia**  
34301F

**Deuteranopia**  
3A2E1F



**Tritanopia**  
372E31

# Trichromacy



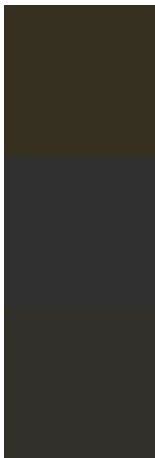
**Original Color**  
35301F

**Protanomaly**  
34301F

**Deuteranomaly**  
382F1F

**Tritanomaly**  
362F2A

# Monochromacy



**Original Color**  
35301F

**Achromatopsia**  
303030

**Achromatomaly**  
32302A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35301F 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 #35301F looks like.

```
.text, #text, p{  
    color:#35301F  
}
```

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 #35301F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35301F
}
```

## Border

The CSS property to change the border of an element to Hex 35301F is called "border". The border property can be set on classes, ids or directly on the HTML element.

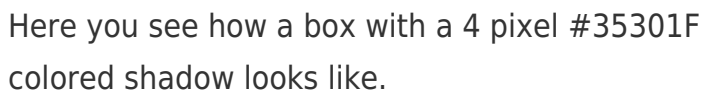
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35301F }
```

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

```
.border{ border-color:#35301F }
```

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



Here you see how a box with a 4 pixel #35301F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35301F; -webkit-box-shadow:4px 4px  
4px 4px #35301F; box-shadow:4px 4px 4px  
4px #35301F }
```

# Background

The CSS property to change the background color of an element to Hex 35301F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35301F }
```

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

```
.background{ background-color:#35301F }
```

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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