

Converting Colors

Hex(35301A)

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

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Color

Hex(35301A)

Conversions

Conversions Part 1

Format	Color
Hex	35301A
RGB	53, 48, 26
RGB Percent	21%, 19%, 10%
CMY	0.7922, 0.8118, 0.8980
CMYK	0.00, 0.09, 0.51, 0.79
HSL	49°, 34%, 15%
HSV	49°, 51%, 21%
XYZ	2.7116, 2.9454, 1.4029
YIQ	46.9870, 10.0420, -5.7820

Conversions

Conversions Part 2

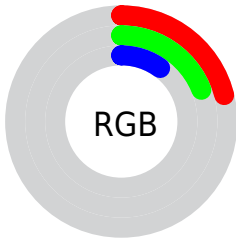
Format	Color
RYB	32, 53, 26
Decimal	3485722
CIELab	19.82, -1.63, 14.88
CIELCh	20, 14.968, 96.263
Yxy	2.9454, 0.3841, 0.4172
Android (android.graphics.Color)	4281675802 (0xFF35301A)
YUV	46.9870, -10.3466, 5.2734
Hunter-Lab	17.1621, -1.8307, 7.1669

Details

The Hex color **35301A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A1F35**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **645E46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **352F15**, and if you desaturate by 10%, it is **35311F**.

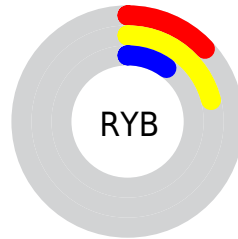
Distribution



Red (21%)

Green (19%)

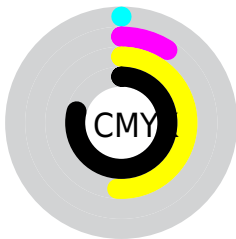
Blue (10%)



Red (13%)

Yellow (21%)

Blue (10%)

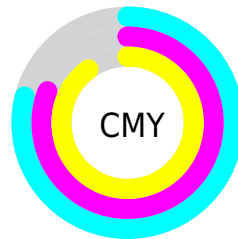


Cyan (0%)

Magenta (9%)

Yellow (51%)

Black (79%)



Cyan (79%)

Magenta (81%)

Yellow (90%)

Brightness & Saturation Gradients

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



35301A



35301A

FFFFFFE



211B00



645E46



000000



7E765D



989076



B3AB90



CEC6AA



EBE2C6



FFFEE2



35301A



35301A

■ 352F15

■ 35311F

■ 352E0F

■ 353225

■ 352D0A

■ 35332A

■ 352C05

■ 35342F

■ 352B00

■ 353535

■ 35363A

■ 35373F

■ 353844

■ 35394A

Harmonies

Analogous

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



3F2C1C



35301A



29331E

Triad

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



35301A



06353C



402939

Complementary

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



35301A



1A1F35

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.



342C42



35301A



123344

Square

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



35301A



0E3632



243045



45272E

Rectangle

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



35301A



213523



243045



3C2A3C

Sweetspot

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



35301A



45433B



351A1F



24231D



A3A3A3



242424

Same Dimension

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



35301A



453D1B



2D351A



1A1917



594900



D9B100

Inverse Universe

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



1A1F35



1B2345



221A35



17171A



001159



0028D9

Previews

White Background



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

Color Contrast Check

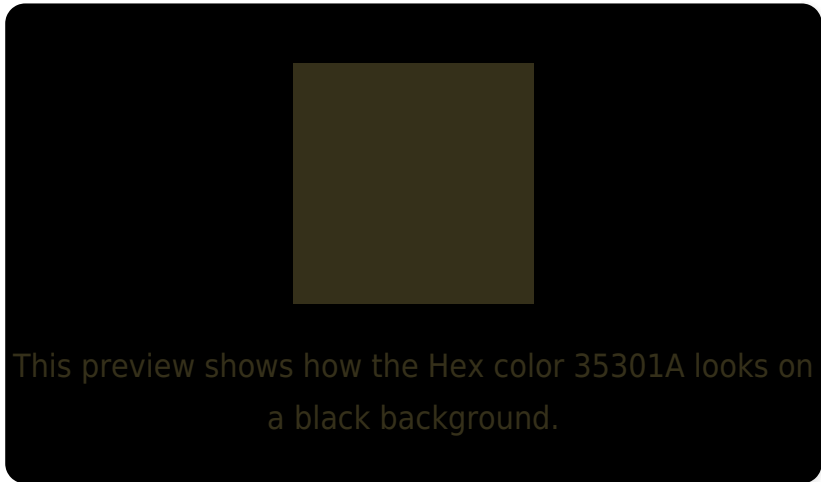
Large Text (above 18pt) WCAG AA ✓ Pass

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

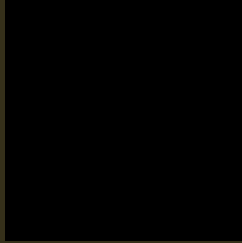
Any Text WCAG AA × Fail

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 35301A Background



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

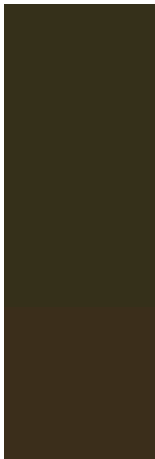


This preview shows how white text looks on a background with the Hex color 35301A.

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
35301A

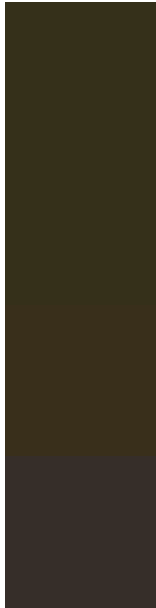
Protanopia
35301A

Deuteranopia
3B2E1B



Tritanopia
372D31

Trichromacy



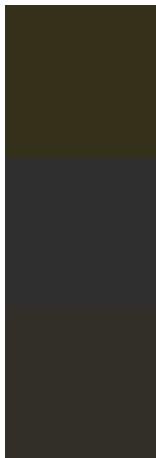
Original Color
35301A

Protanomaly
35301A

Deuteranomaly
392F1B

Tritanomaly
362E29

Monochromacy



Original Color
35301A

Achromatopsia
2F2F2F

Achromatomaly
312F27

CSS Examples

Text

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

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

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 #35301A colored shadow looks like.

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

Border

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

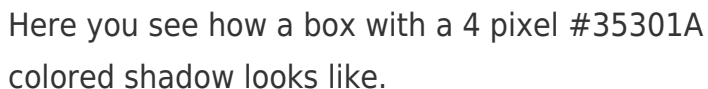
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #35301A color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

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

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

Background

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

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

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

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

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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