

Converting Colors

Hex(33331A)

Have a look what the booklet for
Hex(33331A) contains.

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Color

Hex(33331A)

Conversions

Conversions Part 1

Format	Color
Hex	33331A
RGB	51, 51, 26
RGB Percent	20%, 20%, 10%
CMY	0.8000, 0.8000, 0.8980
CMYK	0.00, 0.00, 0.49, 0.80
HSL	60°, 32%, 15%
HSV	60°, 49%, 20%
XYZ	2.7355, 3.1460, 1.4404
YIQ	48.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

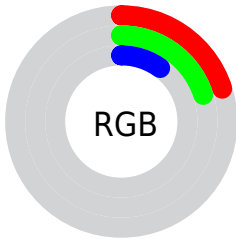
Format	Color
RYB	26, 51, 26
Decimal	3355418
CIELab	20.62, -4.62, 15.84
CIELCh	21, 16.495, 106.247
Yxy	3.1460, 0.3736, 0.4297
Android (android.graphics.Color)	4281545498 (0xFF33331A)
YUV	48.1500, -10.9199, 2.4995
Hunter-Lab	17.7371, -3.5105, 7.6013

Details

The Hex color **33331A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A1A33**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **626146**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **333315**, and if you desaturate by 10%, it is **33331F**.

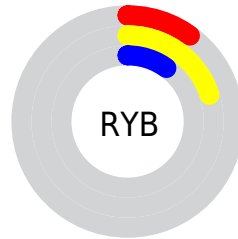
Distribution



Red (20%)

Green (20%)

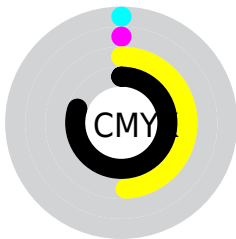
Blue (10%)



Red (10%)

Yellow (20%)

Blue (10%)

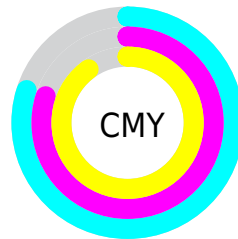


Cyan (0%)

Magenta (0%)

Yellow (49%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33331A 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 33331A by changing the saturation by 10% instead.



33331A



33331A

FFFFFF



1F1E00



626146



000400



7B7A5D



000000



959476



B0AE90



CCCAA



E8E6C6



FFFFE2



33331A



33331A

■ 333315

■ 33331F

■ 333310

■ 333324

■ 33330B

■ 333329

■ 333306

■ 33332E

■ 333300

■ 333334

■ 333339

■ 33333E

■ 333343

■ 333348

Harmonies

Analogous

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



3E2F1A



33331A



253620

Triad

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



33331A



013743



462938

Complementary

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



33331A



1A1A33

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.



3B2C42



33331A



163449

Square

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



33331A



043838



2B3149



49282B

Rectangle

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



33331A



1B3728



2B3149



432A3C

Sweetspot

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



33331A



424238



331A1A



21211B



A1A1A1



212121

Same Dimension

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



33331A



42421B



27331A



1A1A17



595900



D9D900

Inverse Universe

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



1A1A33



1B1B42



271A33



17171A



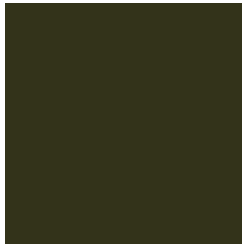
000059



0000D9

Previews

White Background



This preview shows how the Hex color 33331A looks on a white background.

Color Contrast Check

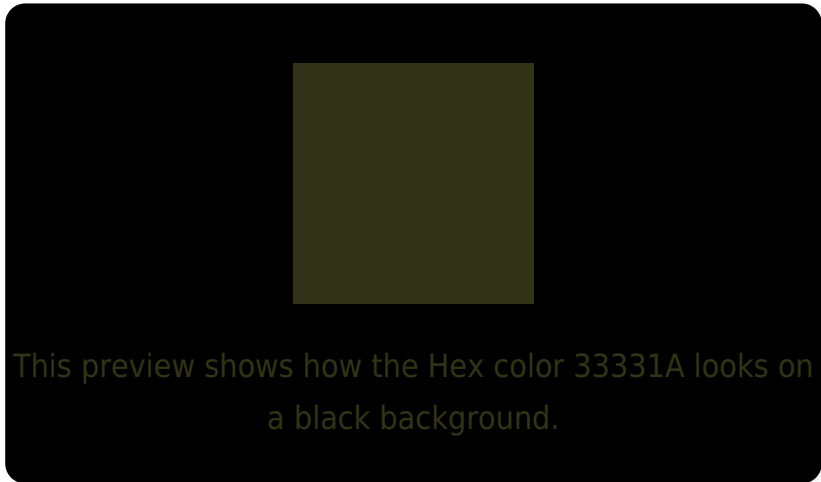
Large Text (above 18pt) WCAG AA ✓ Pass

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

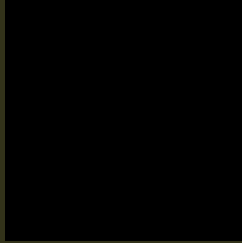
Any Text WCAG AA × Fail

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 33331A Background



This preview shows how black text looks on a background with the Hex color 33331A.

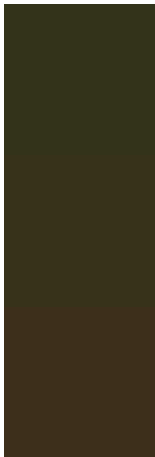


This preview shows how white text looks on a background with the Hex color 33331A.

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
33331A

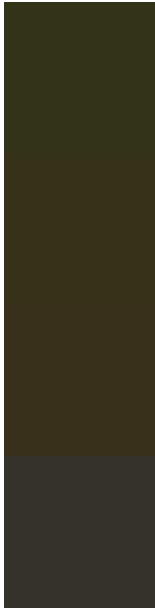
Protanopia
37321A

Deuteranopia
3D2F1B



Tritanopia
363034

Trichromacy



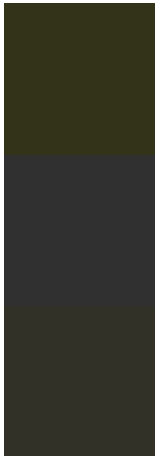
Original Color
33331A

Protanomaly
36321A

Deuteranomaly
39301B

Tritanomaly
35312B

Monochromacy



Original Color
33331A

Achromatopsia
303030

Achromatomaly
313128

CSS Examples

Text

The CSS property to change the color of the text to Hex 33331A 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 #33331A looks like.

```
.text, #text, p{  
    color:#33331A  
}
```

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 #33331A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33331A
}
```

Border

The CSS property to change the border of an element to Hex 33331A 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
#33331A }
```

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

```
.border{ border-color:#33331A }
```

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

Here you see how a box with a 4 pixel #33331A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33331A; -webkit-box-shadow:4px 4px  
4px 4px #33331A; box-shadow:4px 4px 4px  
4px #33331A }
```

Background

The CSS property to change the background color of an element to Hex 33331A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33331A }
```

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

```
.background{ background-color:#33331A }
```

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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