

Converting Colors

Hex(3C4D1A)

Have a look what the booklet for
Hex(3C4D1A) contains.

Hex(3C4D1A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C4D1A)

Conversions

Conversions Part 1

Format	Color
Hex	3C4D1A
RGB	60, 77, 26
RGB Percent	24%, 30%, 10%
CMY	0.7647, 0.6980, 0.8980
CMYK	0.22, 0.00, 0.66, 0.70
HSL	80°, 50%, 20%
HSV	80°, 66%, 30%
XYZ	4.7038, 6.3430, 1.9537
YIQ	66.1030, 6.2390, -19.4650

Conversions

Conversions Part 2

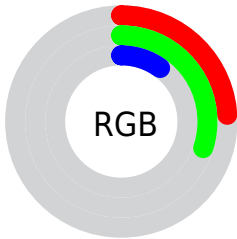
Format	Color
RYB	26, 77, 43
Decimal	3951898
CIELab	30.26, -15.83, 27.40
CIELCh	30, 31.647, 120.018
Yxy	6.3430, 0.3618, 0.4879
Android (android.graphics.Color)	4282141978 (0xFF3C4D1A)
YUV	66.1030, -19.7708, -5.3523
Hunter-Lab	25.1853, -10.7362, 13.0304

Details

The Hex color **3C4D1A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2B1A4D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6D7E48**, and **0F2100** is the 20% darker color. If you saturate the color by 10%, you get **394D12**, and if you desaturate by 10%, it is **3F4D22**.

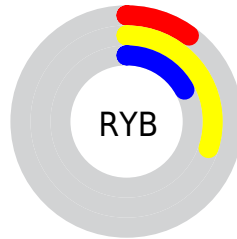
Distribution



Red (24%)

Green (30%)

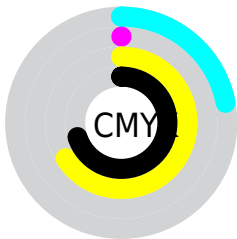
Blue (10%)



Red (10%)

Yellow (30%)

Blue (17%)

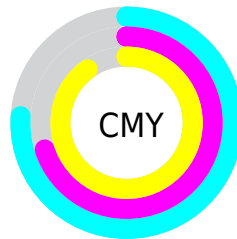


Cyan (22%)

Magenta (0%)

Yellow (66%)

Black (70%)



Cyan (76%)

Magenta (70%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4D1A 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 3C4D1A by changing the saturation by 10% instead.

 3C4D1A

 3C4D1A

FFFFFF

 253602

 6D7E48

 0F2100

 879860

 000200

 A1B379

 000000

 BDCE93

 D9EAAE

 F5FFCA

 FFFFE6

 3C4D1A

 3C4D1A

■ 394D12

■ 3F4D22

■ 374D0B

■ 414D29

■ 344D03

■ 444D31

■ 334D00

■ 464D39

■ 494D41

■ 4B4D48

■ 4E4D50

■ 514D58

■ 534D5F

Harmonies

Analogous

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



554613



3C4D1A



1A512E

Triad

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



3C4D1A



005072



733148

Complementary

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



3C4D1A



2B1A4D

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.



653760



3C4D1A



0D4A78

Square

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



3C4D1A



00535F



484172



733430

Rectangle

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



3C4D1A



00533E



484172



703251

Sweetspot

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



3C4D1A



5D6350



4D2B1A



2F3327



B3B3B3



333333

Same Dimension

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



3C4D1A



496315



224D1A



252622



446600



99E600

Inverse Universe

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



2B1A4D



2F1563



451A4D



242226



220066



4C00E6

Previews

White Background



This preview shows how the Hex color 3C4D1A looks on a white background.

Color Contrast Check

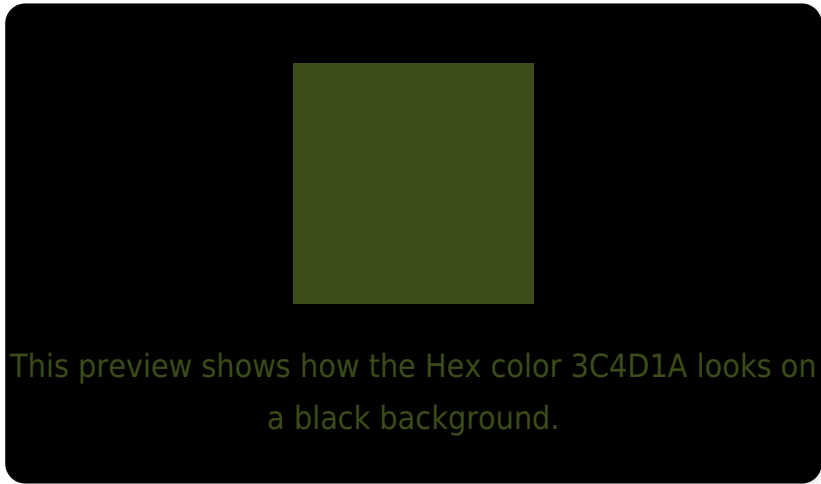
Large Text (above 18pt) WCAG AA ✓ Pass

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

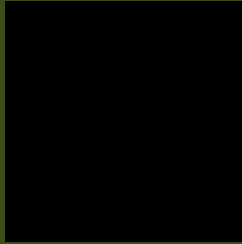
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

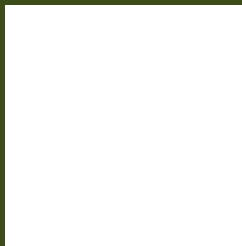
Any Text WCAG AAA × Fail

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

Hex 3C4D1A Background



This preview shows how black text looks on a background with the Hex color 3C4D1A.



This preview shows how white text looks on a background with the Hex color 3C4D1A.

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
3C4D1A

Protanopia
504718

Deuteranopia
58441D



Tritanopia
42484E

Trichromacy



Original Color
3C4D1A

Protanomaly
494919

Deuteranomaly
4E471C

Tritanomaly
404A3B

Monochromacy



Original Color
3C4D1A

Achromatopsia
424242

Achromatomaly
404633

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4D1A 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 #3C4D1A looks like.

```
.text, #text, p{  
    color:#3C4D1A  
}
```

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 #3C4D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4D1A
}
```

Border

The CSS property to change the border of an element to Hex 3C4D1A 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
#3C4D1A }
```

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

```
.border{ border-color:#3C4D1A }
```

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

Here you see how a box with a 4 pixel #3C4D1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4D1A; -webkit-box-shadow:4px 4px  
4px 4px #3C4D1A; box-shadow:4px 4px 4px  
4px #3C4D1A }
```

Background

The CSS property to change the background color of an element to Hex 3C4D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4D1A }
```

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

```
.background{ background-color:#3C4D1A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor