

Converting Colors

Hex(3A3413)

Have a look what the booklet for
Hex(3A3413) contains.

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Color

Hex(3A3413)

Conversions

Conversions Part 1

Format	Color
Hex	3A3413
RGB	58, 52, 19
RGB Percent	23%, 20%, 7%
CMY	0.7725, 0.7961, 0.9255
CMYK	0.00, 0.10, 0.67, 0.77
HSL	51°, 51%, 15%
HSV	51°, 67%, 23%
XYZ	3.0905, 3.4025, 1.1100
YIQ	50.0320, 14.1690, -8.9910

Conversions

Conversions Part 2

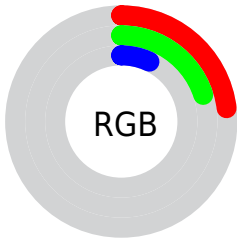
Format	Color
RYB	26, 58, 19
Decimal	3814419
CIELab	21.59, -2.43, 21.44
CIELCh	22, 21.580, 96.475
Yxy	3.4025, 0.4065, 0.4475
Android (android.graphics.Color)	4282004499 (0xFF3A3413)
YUV	50.0320, -15.2988, 6.9879
Hunter-Lab	18.4460, -2.3744, 9.3445

Details

The Hex color **3A3413** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13193A**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6B623F**, and **030700** is the 20% darker color. If you saturate the color by 10%, you get **3A330D**, and if you desaturate by 10%, it is **3A3519**.

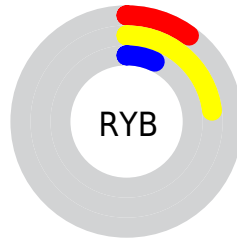
Distribution



Red (23%)

Green (20%)

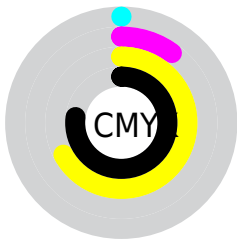
Blue (7%)



Red (10%)

Yellow (23%)

Blue (7%)

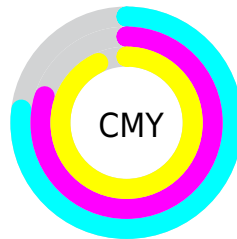


Cyan (0%)

Magenta (10%)

Yellow (67%)

Black (77%)



Cyan (77%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3413 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 3A3413 by changing the saturation by 10% instead.

 3A3413

 3A3413

 FFFFF6

 251F00

 6B623F

 030700

 847B56

 000000

 9F956F

 BAAF88

 D6CBA3

 F3E7BE

 FFFFDA

 3A3413

 3A3413

■ 3A330D

■ 3A3519

■ 3A3207

■ 3A361F

■ 3A3102

■ 3A3724

■ 3A3100

■ 3A382A

■ 3A3830

■ 3A3936

■ 3A3A3C

■ 3A3B41

■ 3A3C47

Harmonies

Analogous

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



482E16



3A3413



293819

Triad

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



3A3413



003B46



4A2941

Complementary

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



3A3413



13193A

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.



3A2E4D



3A3413



003951

Square

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



3A3413



003C37



1F3453



522631

Rectangle

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



3A3413



1B3A22



1F3453



462A46

Sweetspot

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



3A3413



4D4A3D



3A131A



26251D



A6A6A6



262626

Same Dimension

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



3A3413



4D430F



2D3A13



1C1C19



5C4E00



DBBA00

Inverse Universe

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



13193A



0F184D



20133A



191A1C



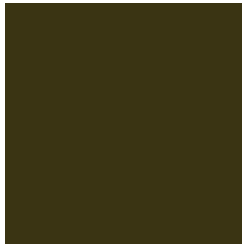
000E5C



0022DB

Previews

White Background



This preview shows how the Hex color 3A3413 looks on a white background.

Color Contrast Check

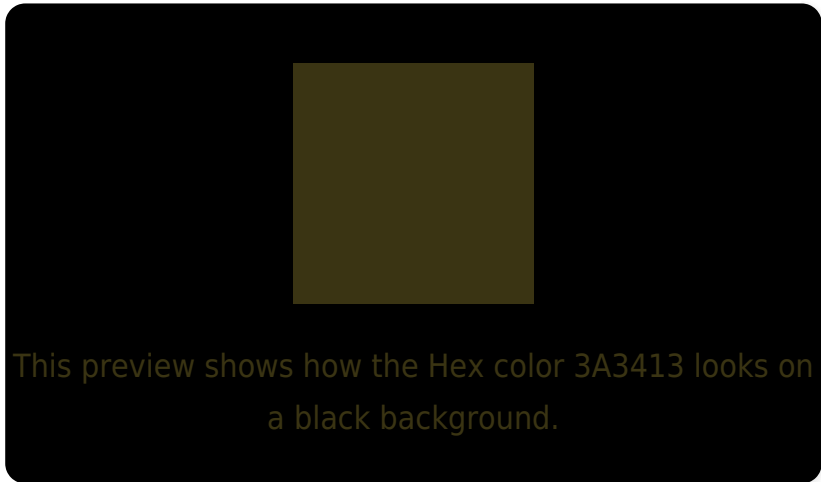
Large Text (above 18pt) WCAG AA ✓ Pass

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

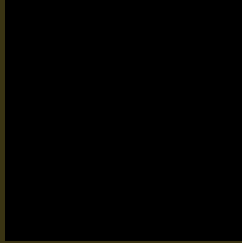
Any Text WCAG AA × Fail

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 3A3413 Background



This preview shows how black text looks on a background with the Hex color 3A3413.



This preview shows how white text looks on a background with the Hex color 3A3413.

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](#).

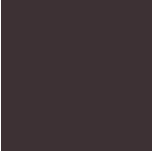
Dichromacy



Original Color
3A3413

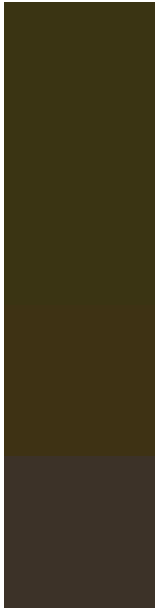
Protanopia
3A3413

Deuteranopia
413114



Tritanopia
3D3134

Trichromacy



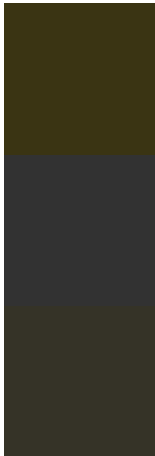
Original Color
3A3413

Protanomaly
3A3413

Deuteranomaly
3E3214

Tritanomaly
3C3228

Monochromacy



Original Color
3A3413

Achromatopsia
323232

Achromatomaly
353327

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3413 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 #3A3413 looks like.

```
.text, #text, p{  
    color:#3A3413  
}
```

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 #3A3413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3413
}
```

Border

The CSS property to change the border of an element to Hex 3A3413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

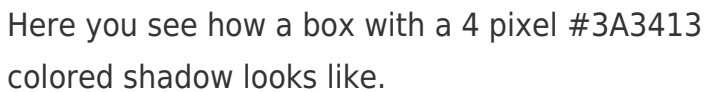
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3413 }
```

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

```
.border{ border-color:#3A3413 }
```

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



Here you see how a box with a 4 pixel #3A3413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3413; -webkit-box-shadow:4px 4px  
4px 4px #3A3413; box-shadow:4px 4px 4px  
4px #3A3413 }
```

Background

The CSS property to change the background color of an element to Hex 3A3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3413 }
```

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

```
.background{ background-color:#3A3413 }
```

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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