

Converting Colors

Hex(3A4A17)

Have a look what the booklet for
Hex(3A4A17) contains.

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Color

Hex(3A4A17)

Conversions

Conversions Part 1

Format	Color
Hex	3A4A17
RGB	58, 74, 23
RGB Percent	23%, 29%, 9%
CMY	0.7725, 0.7098, 0.9098
CMYK	0.22, 0.00, 0.69, 0.71
HSL	79°, 53%, 19%
HSV	79°, 69%, 29%
XYZ	4.3484, 5.8590, 1.7123
YIQ	63.4020, 6.8350, -19.2530

Conversions

Conversions Part 2

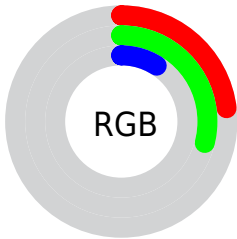
Format	Color
R_{YB}	23, 74, 39
Decimal	3820055
CIE Lab	29.05, -15.37, 27.57
CIE LCh	29, 31.566, 119.139
Yxy	5.8590, 0.3648, 0.4915
Android (android.graphics.Color)	4282010135 (0xFF3A4A17)
YUV	63.4020, -19.9182, -4.7376
Hunter-Lab	24.2053, -10.2926, 12.7494

Details

The Hex color **3A4A17** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **27174A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6B7B45**, and **0B1E00** is the 20% darker color. If you saturate the color by 10%, you get **384A10**, and if you desaturate by 10%, it is **3C4A1E**.

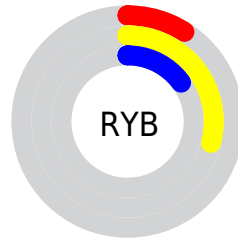
Distribution



Red (23%)

Green (29%)

Blue (9%)



Red (9%)

Yellow (29%)

Blue (15%)

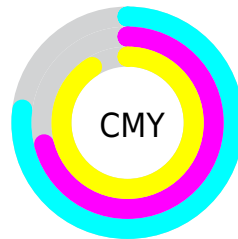


Cyan (22%)

Magenta (0%)

Yellow (69%)

Black (71%)



Cyan (77%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4A17 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 3A4A17 by changing the saturation by 10% instead.



3A4A17



3A4A17

FFFFFF



243300



6B7B45



0B1E00



85955D



000000



9FAF76



BACB90



D6E7AB



F3FFC6



FFFFE2



3A4A17



3A4A17

■ 384A10

■ 3C4A1E

■ 354A08

■ 3F4A26

■ 334A01

■ 414A2D

■ 334A00

■ 434A35

■ 464A3C

■ 484A43

■ 4A4A4B

■ 4D4A52

■ 4F4A5A

Harmonies

Analogous

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



524310



3A4A17



184E2A

Triad

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



3A4A17



004D6E



702E46

Complementary

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



3A4A17



27174A

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.



62345E



3A4A17



024775

Square

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



3A4A17



00505C



443E6F



70312E

Rectangle

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



3A4A17



00503A



443E6F



6D304E

Sweetspot

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



3A4A17



5B614D



4A2617



2D3024



B0B0B0



303030

Same Dimension

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



3A4A17



486110



214A17



252622



466600



9EE600

Inverse Universe

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



27174A



2A1061



40174A



242226



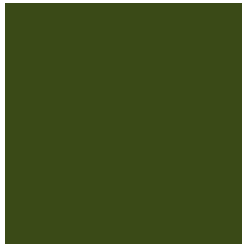
200066



4800E6

Previews

White Background



This preview shows how the Hex color 3A4A17 looks on a white background.

Color Contrast Check

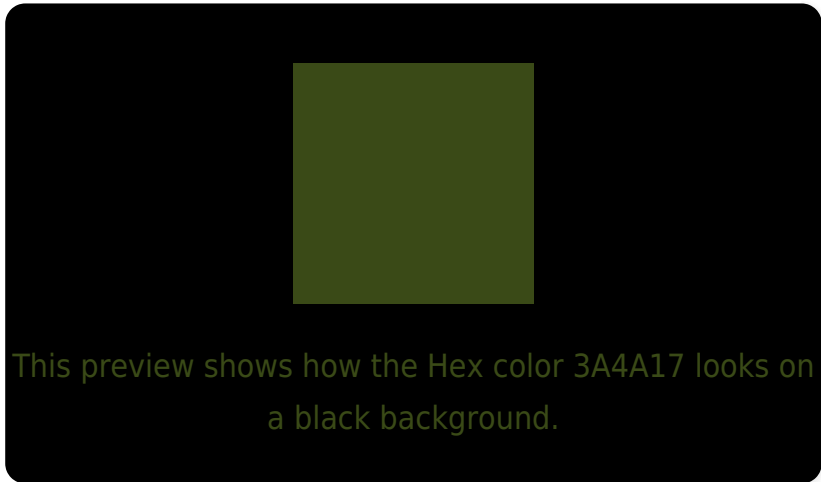
Large Text (above 18pt) WCAG AA ✓ Pass

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

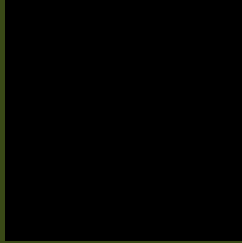
Any Text WCAG AA × Fail

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 3A4A17 Background



This preview shows how black text looks on a background with the Hex color 3A4A17.



This preview shows how white text looks on a background with the Hex color 3A4A17.

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
3A4A17

Protanopia
4D4516

Deuteranopia
55411A



Tritanopia
40454B

Trichromacy



Original Color
3A4A17

Protanomaly
464716

Deuteranomaly
4B4419

Tritanomaly
3E4738

Monochromacy



Original Color
3A4A17

Achromatopsia
3F3F3F

Achromatomaly
3D4330

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4A17 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 #3A4A17 looks like.

```
.text, #text, p{  
    color:#3A4A17  
}
```

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 #3A4A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4A17
}
```

Border

The CSS property to change the border of an element to Hex 3A4A17 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
#3A4A17 }
```

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

```
.border{ border-color:#3A4A17 }
```

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

Here you see how a box with a 4 pixel #3A4A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4A17; -webkit-box-shadow:4px 4px  
4px 4px #3A4A17; box-shadow:4px 4px 4px  
4px #3A4A17 }
```

Background

The CSS property to change the background color of an element to Hex 3A4A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4A17 }
```

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

```
.background{ background-color:#3A4A17 }
```

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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