

# Converting Colors

Hex(3A4A27)

Have a look what the booklet for  
Hex(3A4A27) contains.

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# Color

Hex(3A4A27)

# Conversions

## Conversions Part 1

Format	Color
Hex	3A4A27
RGB	58, 74, 39
RGB Percent	23%, 29%, 15%
CMY	0.7725, 0.7098, 0.8471
CMYK	0.22, 0.00, 0.47, 0.71
HSL	87°, 31%, 22%
HSV	87°, 47%, 29%
XYZ	4.5599, 5.9436, 2.8263
YIQ	65.2260, 1.6990, -14.2770

# Conversions

## Conversions Part 2

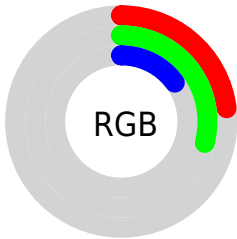
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 74, 55
Decimal	3820071
CIE Lab	29.27, -13.45, 18.83
CIE LCh	29, 23.141, 125.527
Yxy	5.9436, 0.3421, 0.4459
Android (android.graphics.Color)	4282010151 (0xFF3A4A27)
YUV	65.2260, -12.9294, -6.3372
Hunter-Lab	24.3795, -9.2776, 10.1920

# Details

The Hex color **3A4A27** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **37274A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6A7B55**, and **101E00** is the 20% darker color. If you saturate the color by 10%, you get **374A20**, and if you desaturate by 10%, it is **3D4A2E**.

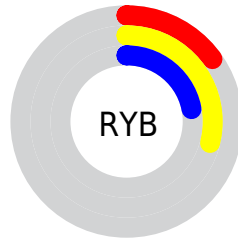
# Distribution



Red (23%)

Green (29%)

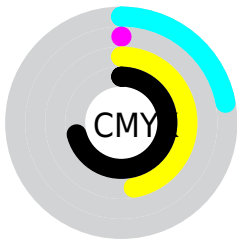
Blue (15%)



Red (15%)

Yellow (29%)

Blue (22%)

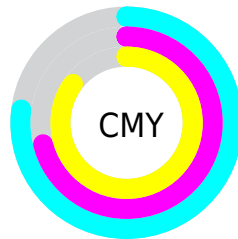


Cyan (22%)

Magenta (0%)

Yellow (47%)

Black (71%)



Cyan (77%)

Magenta (71%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A4A27 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 3A4A27 by changing the saturation by 10% instead.





3A4A27



3A4A27

FFFFFF



243312



6A7B55



101E00



83956D



000000



9EAF87



B9CBA1



D5E7BC



F1FFD8



FFFFFF4



3A4A27



3A4A27

■ 374A20

■ 3D4A2E

■ 334A18

■ 414A36

■ 304A11

■ 444A3D

■ 2C4A09

■ 484A45

■ 294A02

■ 4B4A4C

■ 284A00

■ 4E4A53

■ 524A5B

■ 554A62

■ 584A6A

# Harmonies

## Analogous

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



4D4521



3A4A27



234D36

# Triad

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



3A4A27



004B65



673642

# Complementary

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



3A4A27



37274A

# 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.



5E3954



3A4A27



2F4668

# Square

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



3A4A27



004E59



4B3F62



663931

# Rectangle

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



3A4A27



0D4E42



4B3F62



653748



# Sweetspot

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



3A4A27



5B6153



4A3727



2D3028



B0B0B0



303030



# Same Dimension

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



3A4A27



48612A



294A27



252622



376600



7DE600



# Inverse Universe

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



37274A



432A61



48274A



242226



2F0066



6900E6



# Previews

## White Background



This preview shows how the Hex color 3A4A27 looks on a white background.

## Color Contrast Check

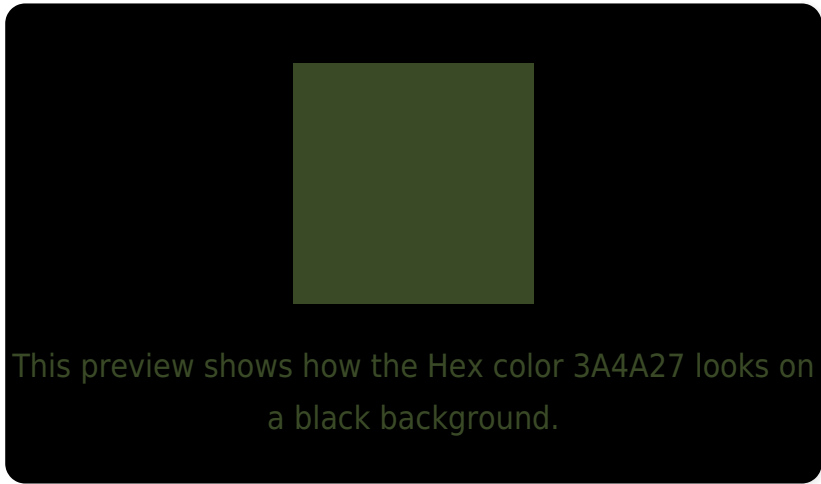
Large Text (above 18pt) WCAG AA ✓ Pass

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

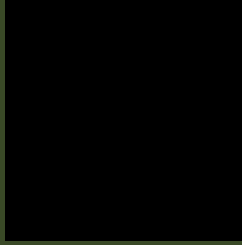
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

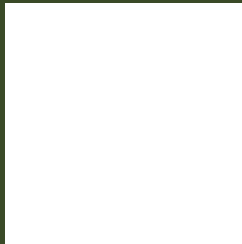
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A4A27 Background



This preview shows how black text looks on a background with the Hex color 3A4A27.



This preview shows how white text looks on a background with the Hex color 3A4A27.

# 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**  
3A4A27

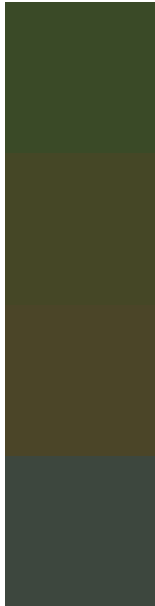
**Protanopia**  
4C4525

**Deuteranopia**  
544229



**Tritanopia**  
3F464B

# Trichromacy



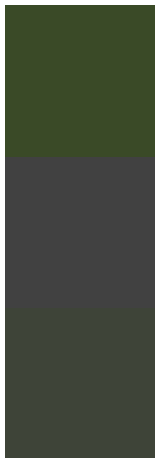
**Original Color**  
3A4A27

**Protanomaly**  
454726

**Deuteranomaly**  
4B4528

**Tritanomaly**  
3D473E

# Monochromacy



**Original Color**  
3A4A27

**Achromatopsia**  
414141

**Achromatomaly**  
3E4438

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A4A27 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 #3A4A27 looks like.

```
.text, #text, p{  
    color:#3A4A27  
}
```

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 #3A4A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4A27
}
```

## Border

The CSS property to change the border of an element to Hex 3A4A27 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
#3A4A27 }
```

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

```
.border{ border-color:#3A4A27 }
```

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

Here you see how a box with a 4 pixel #3A4A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4A27; -webkit-box-shadow:4px 4px  
4px 4px #3A4A27; box-shadow:4px 4px 4px  
4px #3A4A27 }
```

# Background

The CSS property to change the background color of an element to Hex 3A4A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4A27 }
```

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

```
.background{ background-color:#3A4A27 }
```

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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