

Converting Colors

Hex(3A733A)

Have a look what the booklet for
Hex(3A733A) contains.

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Color

Hex(3A733A)

Conversions

Conversions Part 1

Format	Color
Hex	3A733A
RGB	58, 115, 58
RGB Percent	23%, 45%, 23%
CMY	0.7725, 0.5490, 0.7725
CMYK	0.50, 0.00, 0.50, 0.55
HSL	120°, 33%, 34%
HSV	120°, 50%, 45%
XYZ	8.6394, 13.4665, 6.1469
YIQ	91.4590, -15.6750, -29.8110

Conversions

Conversions Part 2

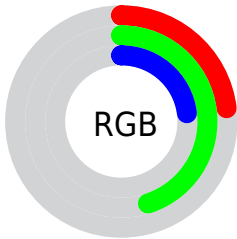
Format	Color
RYB	58, 115, 115
Decimal	3830586
CIELab	43.46, -31.47, 25.79
CIELCh	43, 40.690, 140.668
Yxy	13.4665, 0.3058, 0.4766
Android (android.graphics.Color)	4282020666 (0xFF3A733A)
YUV	91.4590, -16.4953, -29.3435
Hunter-Lab	36.6967, -22.1957, 15.7562

Details

The Hex color **3A733A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **733A73**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6DA76A**, and **00420D** is the 20% darker color. If you saturate the color by 10%, you get **2F732F**, and if you desaturate by 10%, it is **467346**.

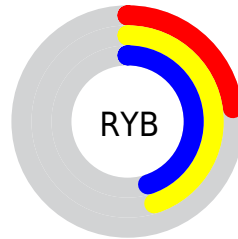
Distribution



Red (23%)

Green (45%)

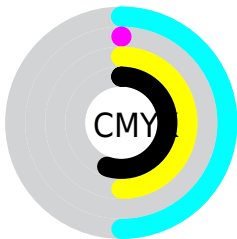
Blue (23%)



Red (23%)

Yellow (45%)

Blue (45%)

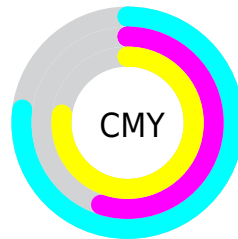


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (55%)



Cyan (77%)

Magenta (55%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A733A 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 3A733A by changing the saturation by 10% instead.



3A733A



3A733A

FFFFFF



205A23



6DA76A



00420D



88C384



002B00



A3DF9E



001400



BFFCB9



000000



DBFFD5



F8FFF2



3A733A



3A733A



2F732F



467346

■ 237323

■ 517351

■ 187318

■ 5D735D

■ 0C730C

■ 687368

■ 017301

■ 747374

■ 007300

■ 7F737F

■ 8B738B

■ 967396

■ A273A2

Harmonies

Analogous

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



636C23



3A733A



00775B

Triad

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



3A733A



006DA9



A54A51

Complementary

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



3A733A



733A73

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.



9F4A73



3A733A



5662A6

Square

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



3A733A



00749A



865492



9A5433

Rectangle

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



3A733A



007772



865492



A5495C

Sweetspot

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



3A733A



809680



73733A



3F4D3F



CCCCCC



4D4D4D

Same Dimension

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



3A733A



3E963E



3A7357



353B35



007A00



00FA00

Inverse Universe

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



733A73



963E96



733A57



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 3A733A looks on a white background.

Color Contrast Check

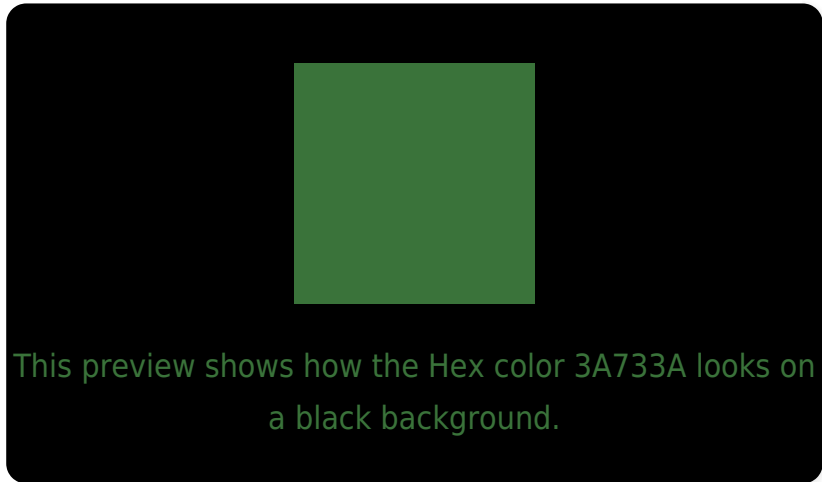
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

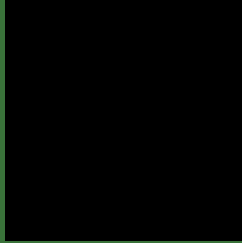
Any Text WCAG AA × Fail

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 3A733A Background



This preview shows how black text looks on a background with the Hex color 3A733A.



This preview shows how white text looks on a background with the Hex color 3A733A.

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
3A733A

Protanopia
716636

Deuteranopia
7C623E



Tritanopia
476C75

Trichromacy



Original Color
3A733A

Protanomaly
5D6B37

Deuteranomaly
64683D

Tritanomaly
426F60

Monochromacy



Original Color
3A733A

Achromatopsia
5B5B5B

Achromatomaly
4F644F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A733A 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 #3A733A looks like.

```
.text, #text, p{  
    color:#3A733A  
}
```

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 #3A733A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A733A
}
```

Border

The CSS property to change the border of an element to Hex 3A733A 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
#3A733A }
```

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

```
.border{ border-color:#3A733A }
```

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

Here you see how a box with a 4 pixel #3A733A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A733A; -webkit-box-shadow:4px 4px  
4px 4px #3A733A; box-shadow:4px 4px 4px  
4px #3A733A }
```

Background

The CSS property to change the background color of an element to Hex 3A733A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A733A }
```

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

```
.background{ background-color:#3A733A }
```

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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