

# Converting Colors

Hex(34743A)

Have a look what the booklet for  
Hex(34743A) contains.

<b>Hex(34743A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(34743A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	34743A
RGB	52, 116, 58
RGB Percent	20%, 45%, 23%
CMY	0.7961, 0.5451, 0.7725
CMYK	0.55, 0.00, 0.50, 0.55
HSL	126°, 38%, 33%
HSV	126°, 55%, 45%
XYZ	8.4253, 13.5263, 6.1698
YIQ	90.2520, -19.5260, -31.6060

# Conversions

## Conversions Part 2

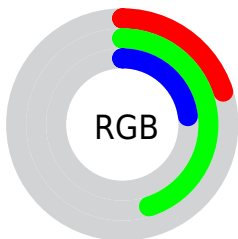
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 111, 116
Decimal	3437626
CIELab	43.55, -33.72, 25.85
CIElCh	44, 42.490, 142.533
Yxy	13.5263, 0.2996, 0.4810
Android (android.graphics.Color)	4281627706 (0xFF34743A)
YUV	90.2520, -15.9002, -33.5470
Hunter-Lab	36.7782, -23.4703, 15.7984




# Details

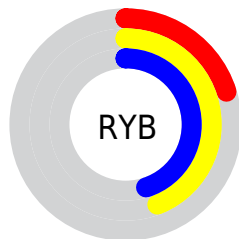
The Hex color **34743A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **74346E**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **68A96A**, and **00430D** is the 20% darker color. If you saturate the color by 10%, you get **28742F**, and if you desaturate by 10%, it is **407445**.

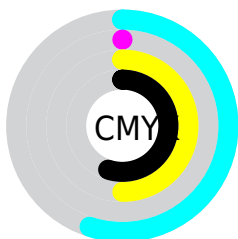
# Distribution







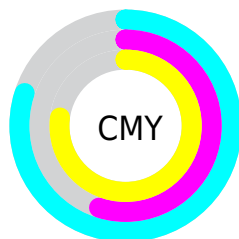
-  Red (20%)
-  Green (45%)
-  Blue (23%)






-  Red (20%)
-  Yellow (44%)
-  Blue (45%)



-  Cyan (55%)
-  Magenta (0%)
-  Yellow (50%)
-  Black (55%)



-  Cyan (80%)
-  Magenta (55%)
-  Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34743A 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 34743A by changing the saturation by 10% instead.





34743A



34743A

FFFFFF



185B23



68A96A



00430D



83C484



002C00



9EE09E



001500



BAFDB9



000000



D6FFD5



F3FFF2



34743A



34743A



28742F



407445

■ 1D7425

■ 4B744F

■ 11741A

■ 57745A

■ 067410

■ 627464

■ 00740B

■ 6E746F

■ 7A7479

■ 857484

■ 91748E

■ 9C7499

# Harmonies

## Analogous

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



606D21



34743A



00785D

# Triad

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



34743A



006DAD



A7494E

# Complementary

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



34743A



74346E

# 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.



A24871



34743A



5961A8

# Square

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



34743A



00759E



895292



9A5430

# Rectangle

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



34743A



007875



895292



A84759



# Sweetspot

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



34743A



7D967F



6F7434



3D4D3F



CCCCCC



4D4D4D



# Same Dimension

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



34743A



33963C



347459



353B35



007A0B



00FA17



# Inverse Universe

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



74346E



96338D



74344F



3B353A



7A006F



FA00E2



# Previews

## White Background



This preview shows how the Hex color 34743A looks on a white background.

## Color Contrast Check

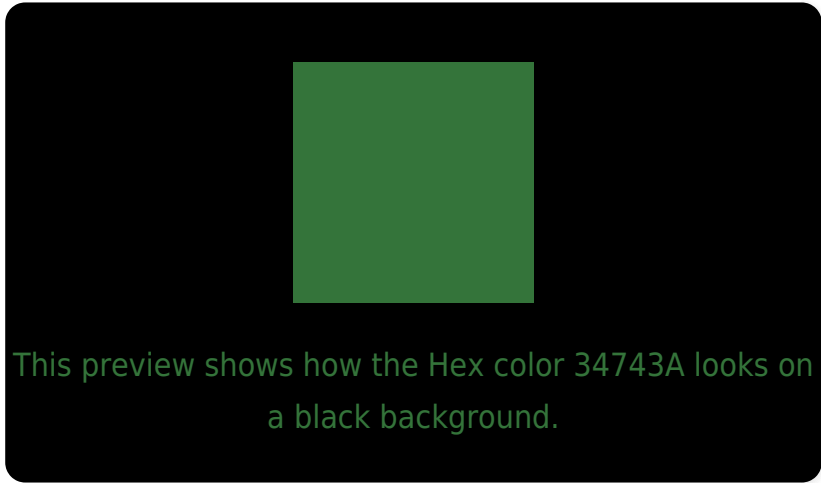
Large Text (above 18pt) WCAG AA ✓ Pass

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 34743A Background



This preview shows how black text looks on a background with the Hex color 34743A.



This preview shows how white text looks on a background with the Hex color 34743A.

# 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**  
34743A

**Protanopia**  
716635

**Deuteranopia**  
7C623F



**Tritanopia**  
426D76

# Trichromacy



**Original Color**  
34743A

**Protanomaly**  
5B6B37

**Deuteranomaly**  
62693D

**Tritanomaly**  
3D7060

# Monochromacy



**Original Color**  
34743A

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
4C634E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34743A 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 #34743A looks like.

```
.text, #text, p{  
    color:#34743A  
}
```

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 #34743A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34743A
}
```

## Border

The CSS property to change the border of an element to Hex 34743A 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
#34743A }
```

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

```
.border{ border-color:#34743A }
```

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

Here you see how a box with a 4 pixel #34743A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34743A; -webkit-box-shadow:4px 4px  
4px 4px #34743A; box-shadow:4px 4px 4px  
4px #34743A }
```

# Background

The CSS property to change the background color of an element to Hex 34743A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34743A }
```

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

```
.background{ background-color:#34743A }
```

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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