

# Converting Colors

Hex(34754A)

Have a look what the booklet for  
Hex(34754A) contains.

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# Color

**Hex(34754A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34754A
RGB	52, 117, 74
RGB Percent	20%, 46%, 29%
CMY	0.7961, 0.5412, 0.7098
CMYK	0.56, 0.00, 0.37, 0.54
HSL	140°, 38%, 33%
HSV	140°, 56%, 46%
XYZ	9.0135, 13.9471, 8.6956
YIQ	92.6630, -24.9370, -27.1530

# Conversions

## Conversions Part 2

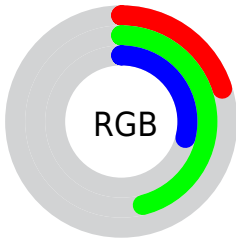
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 101, 117
Decimal	3437898
CIELab	44.16, -31.29, 17.59
CIELCh	44, 35.893, 150.653
Yxy	13.9471, 0.2847, 0.4406
Android (android.graphics.Color)	4281627978 (0xFF34754A)
YUV	92.6630, -9.2009, -35.6615
Hunter-Lab	37.3458, -22.2736, 12.3370

# Details

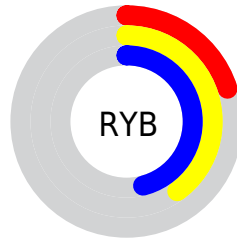
The Hex color **34754A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **75345F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **68AA7B**, and **00441D** is the 20% darker color. If you saturate the color by 10%, you get **287542**, and if you desaturate by 10%, it is **407552**.

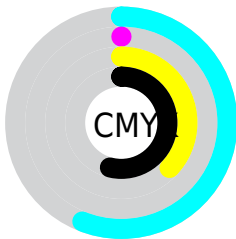
# Distribution



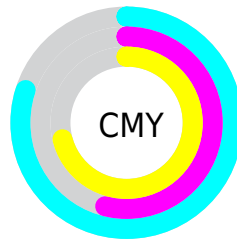
- Red (20%)
- Green (46%)
- Blue (29%)



- Red (20%)
- Yellow (40%)
- Blue (46%)



- Cyan (56%)
- Magenta (0%)
- Yellow (37%)
- Black (54%)



- Cyan (80%)
- Magenta (54%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34754A 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 34754A by changing the saturation by 10% instead.



 34754A

 34754A

FFFFFF

 185C33

 68AA7B

 00441D

 82C595

 002D06

 9DE1B0

 001700

 B9FECB

 000000

 D5FFE7

 F2FFFF

 34754A

 34754A

 287542

 407552

■ 1D753B

■ 4B7559

■ 117533

■ 577561

■ 05752B

■ 637569

■ 007528

■ 6E7571

■ 7A7578

■ 867580

■ 927588

■ 9D7590

# Harmonies

## Analogous

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



5B7033



34754A



007768

# Triad

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



34754A



336BA4



9F524C

# Complementary

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



34754A



75345F

# 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.



9F4F69



34754A



6B609C

# Square

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



34754A



00739C



8E5586



915C35

# Rectangle

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



34754A



00777C



8E5586



A05055



# Sweetspot

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



34754A



7F9988



5F7534



3D4D42



CCCCCC



4D4D4D



# Same Dimension

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



34754A



329955



34756A



353B37



007A29



00FA55



# Inverse Universe

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



75345F



993276



75343F



3B3539



7A0051



FA00A5



# Previews

## White Background



This preview shows how the Hex color 34754A looks on a white background.

## Color Contrast Check

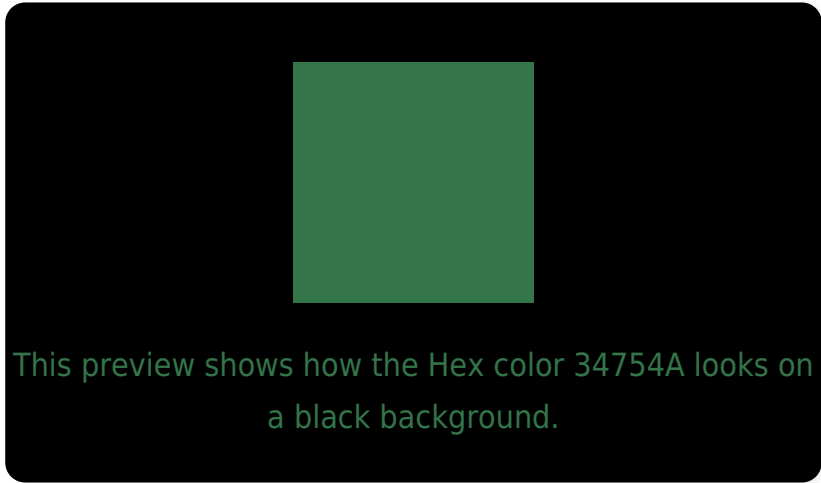
Large Text (above 18pt) WCAG AA ✓ Pass

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

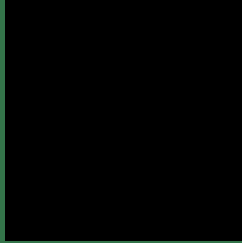
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 34754A Background



This preview shows how black text looks on a background with the Hex color 34754A.



This preview shows how white text looks on a background with the Hex color 34754A.

# 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**  
34754A

**Protanopia**  
716845

**Deuteranopia**  
7A644E



**Tritanopia**  
416F78

# Trichromacy



**Original Color**  
34754A

**Protanomaly**  
5B6D47

**Deuteranomaly**  
616A4D

**Tritanomaly**  
3C7167

# Monochromacy



**Original Color**  
34754A

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
4E6656

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34754A 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 #34754A looks like.

```
.text, #text, p{  
    color:#34754A  
}
```

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 #34754A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34754A
}
```

## Border

The CSS property to change the border of an element to Hex 34754A 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".

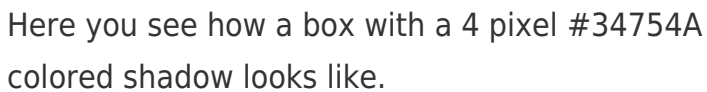
```
.border, #border, table{ border:4px solid
#34754A }
```

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

```
.border{ border-color:#34754A }
```

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

Here you see how a box with a 4 pixel #34754A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34754A; -webkit-box-shadow:4px 4px  
4px 4px #34754A; box-shadow:4px 4px 4px  
4px #34754A }
```

# Background

The CSS property to change the background color of an element to Hex 34754A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34754A }
```

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

```
.background{ background-color:#34754A }
```

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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