

Converting Colors

Hex(37934A)

Have a look what the booklet for
Hex(37934A) contains.

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Color

Hex(37934A)

Conversions

Conversions Part 1

Format	Color
Hex	37934A
RGB	55, 147, 74
RGB Percent	22%, 58%, 29%
CMY	0.7843, 0.4235, 0.7098
CMYK	0.63, 0.00, 0.50, 0.42
HSL	132°, 46%, 40%
HSV	132°, 63%, 58%
XYZ	13.2453, 22.1741, 10.0605
YIQ	111.1700, -31.3990, -42.2070

Conversions

Conversions Part 2

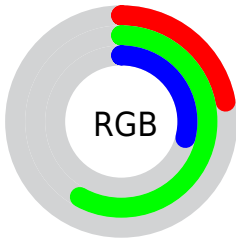
Format	Color
RYB	55, 131, 147
Decimal	3642186
CIELab	54.21, -43.41, 30.64
CIELCh	54, 53.132, 144.787
Yxy	22.1741, 0.2912, 0.4876
Android (android.graphics.Color)	4281832266 (0xFF37934A)
YUV	111.1700, -18.3248, -49.2611
Hunter-Lab	47.0894, -32.1979, 20.2954

Details

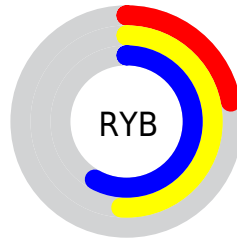
The Hex color **37934A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **933780**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6FCA7C**, and **005F1B** is the 20% darker color. If you saturate the color by 10%, you get **28933E**, and if you desaturate by 10%, it is **469356**.

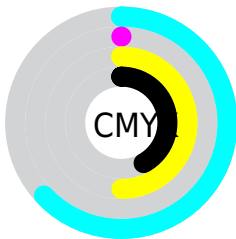
Distribution



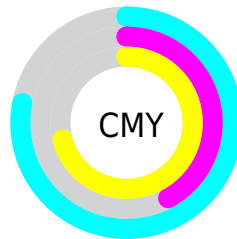
- Red (22%)
- Green (58%)
- Blue (29%)



- Red (22%)
- Yellow (51%)
- Blue (58%)



- Cyan (63%)
- Magenta (0%)
- Yellow (50%)
- Black (42%)



- Cyan (78%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37934A 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 37934A by changing the saturation by 10% instead.



37934A



37934A

FFFFFF



147932



6FCA7C



005F1B



8BE696



004702



A7FFB1



002F00



C4FFCD



001700



E1FFE9



000000



37934A



37934A



28933E



469356



1A9333



549361

■ 0B9327

■ 63936D

■ 00931E

■ 729379

■ 819384

■ 8F9390

■ 9E939C

■ AD93A7

■ BB93B3

Harmonies

Analogous

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



748A26



37934A



009778

Triad

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



37934A



0089DD



D45A5E

Complementary

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



37934A



933780

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.



D0578C



37934A



7479D5

Square

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



37934A



0093CC



B265B7



C26B37

Rectangle

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



37934A



009898



B265B7



D5576D

Sweetspot

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



37934A



9BBFA2



819337



4B614F



E0E0E0



616161

Same Dimension

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



37934A



30BF4D



379377



434A44



008A1C



000A02

Inverse Universe

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



933780



BF30A2



933753



4A4348



8A006D



0A0008

Previews

White Background



This preview shows how the Hex color 37934A looks on a white background.

Color Contrast Check

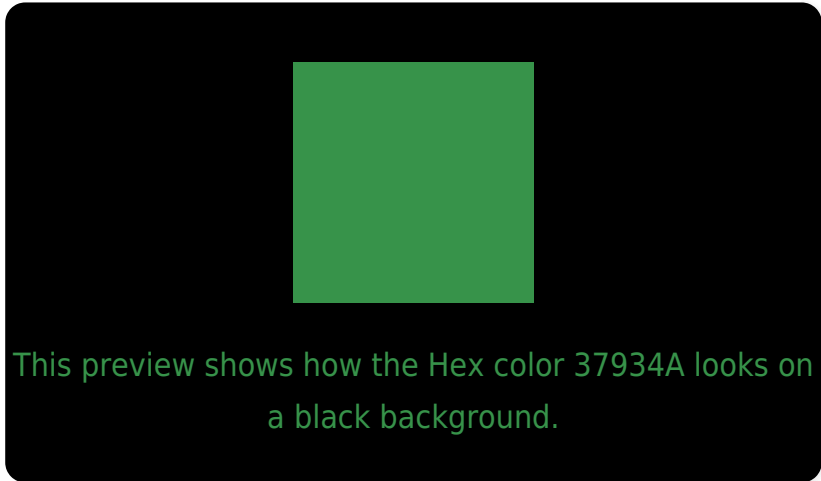
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

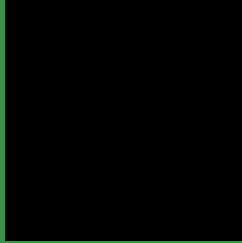
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 37934A Background



This preview shows how black text looks on a background with the Hex color 37934A.



This preview shows how white text looks on a background with the Hex color 37934A.

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](#).

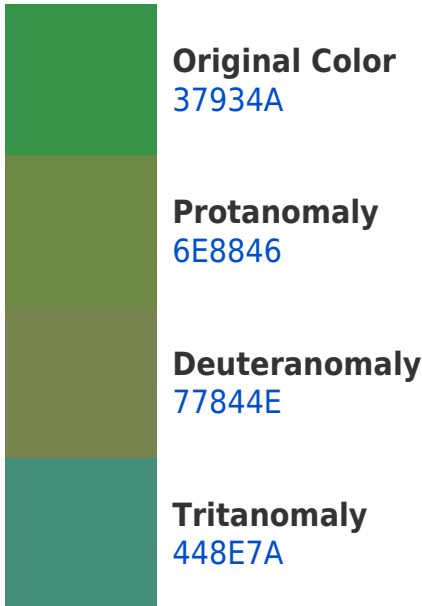
Dichromacy



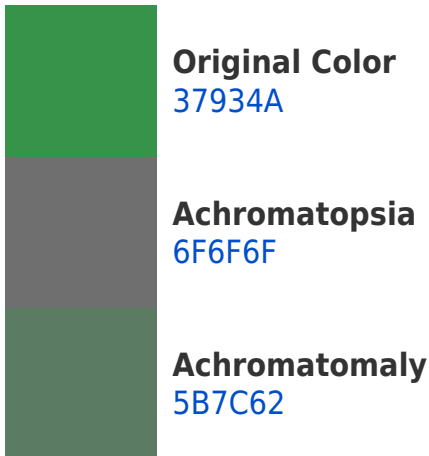


Tritanopia
4C8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37934A 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 #37934A looks like.

```
.text, #text, p{  
    color:#37934A  
}
```

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 #37934A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37934A
}
```

Border

The CSS property to change the border of an element to Hex 37934A 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
#37934A }
```

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

```
.border{ border-color:#37934A }
```

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

Here you see how a box with a 4 pixel #37934A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37934A; -webkit-box-shadow:4px 4px  
4px 4px #37934A; box-shadow:4px 4px 4px  
4px #37934A }
```

Background

The CSS property to change the background color of an element to Hex 37934A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37934A }
```

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

```
.background{ background-color:#37934A }
```

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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