

Converting Colors

Hex(41A94F)

Have a look what the booklet for
Hex(41A94F) contains.

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Color

Hex(41A94F)

Conversions

Conversions Part 1

Format	Color
Hex	41A94F
RGB	65, 169, 79
RGB Percent	25%, 66%, 31%
CMY	0.7451, 0.3373, 0.6902
CMYK	0.62, 0.00, 0.53, 0.34
HSL	128°, 44%, 46%
HSV	128°, 62%, 66%
XYZ	17.7792, 30.0643, 12.2631
YIQ	127.6440, -33.0940, -50.0380

Conversions

Conversions Part 2

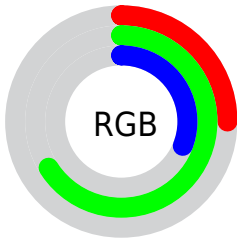
Format	Color
RYB	65, 157, 169
Decimal	4303183
CIELab	61.71, -49.00, 37.40
CIElCh	62, 61.642, 142.650
Yxy	30.0643, 0.2958, 0.5002
Android (android.graphics.Color)	4282493263 (0xFF41A94F)
YUV	127.6440, -23.9815, -54.9388
Hunter-Lab	54.8309, -38.0744, 25.1213

Details

The Hex color **41A94F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A9419B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7BE182**, and **00741E** is the 20% darker color. If you saturate the color by 10%, you get **30A940**, and if you desaturate by 10%, it is **52A95E**.

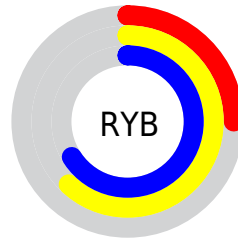
Distribution



Red (25%)

Green (66%)

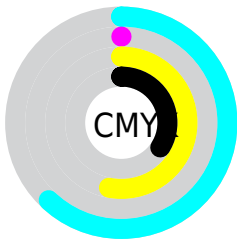
Blue (31%)



Red (25%)

Yellow (62%)

Blue (66%)

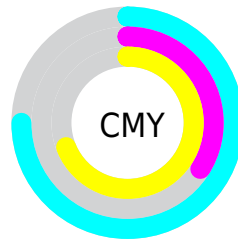


Cyan (62%)

Magenta (0%)

Yellow (53%)

Black (34%)



Cyan (75%)

Magenta (34%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41A94F 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 41A94F by changing the saturation by 10% instead.



41A94F



41A94F

FFFFFF



1E8E36



7BE182



00741E



98FE9D



005A01



B4FFB8



004100



D2FFD4



002C00



FFFFFF1



000C00



000000



41A94F



41A94F



30A940



52A95E

 1FA932

 63A96C

 0EA923

 74A97B

 00A917

 85A989

 95A998

 A6A9A7

 B7A9B5

 C8A9C4

 D9A9D3

Harmonies

Analogous

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



899F24



41A94F



00AE85

Triad

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



41A94F



009FFF



F7646E

Complementary

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



41A94F



A9419B

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.



F062A5



41A94F



7C8CFA

Square

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



41A94F



00AAEB



CA74D8



E3783E

Rectangle

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



41A94F



00AFAB



CA74D8



F86180

Sweetspot

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



41A94F



B4DBB9



9BA941



566E59



EDEDED



6E6E6E

Same Dimension

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



41A94F



39DB4F



41A983



4C544D



009414



001403

Inverse Universe

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



A9419B



DB39C5



A94167



544C53



940080



140012

Previews

White Background



This preview shows how the Hex color 41A94F looks on a white background.

Color Contrast Check

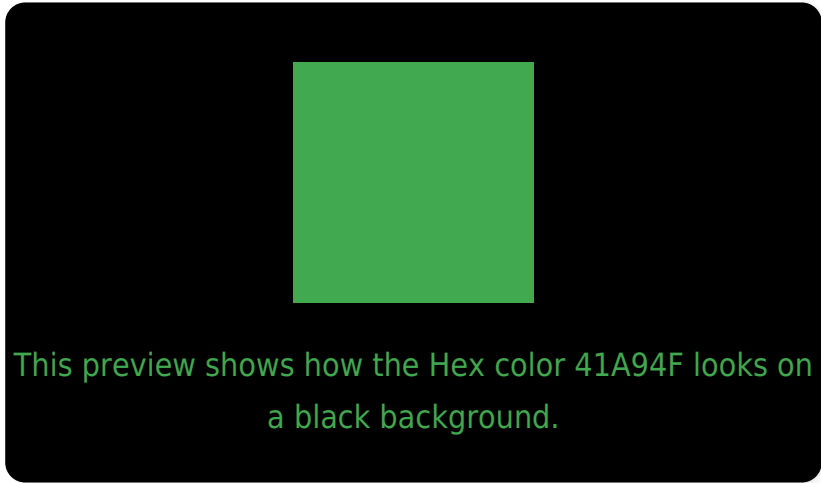
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 41A94F Background



This preview shows how black text looks on a background with the Hex color 41A94F.

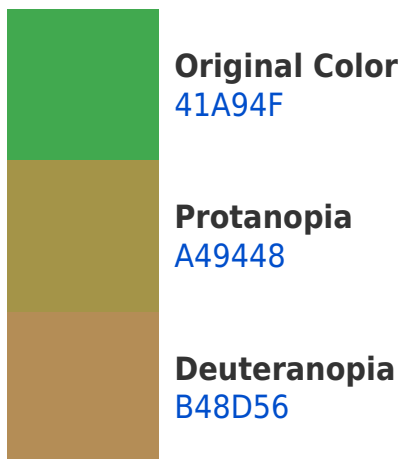


This preview shows how white text looks on a background with the Hex color 41A94F.

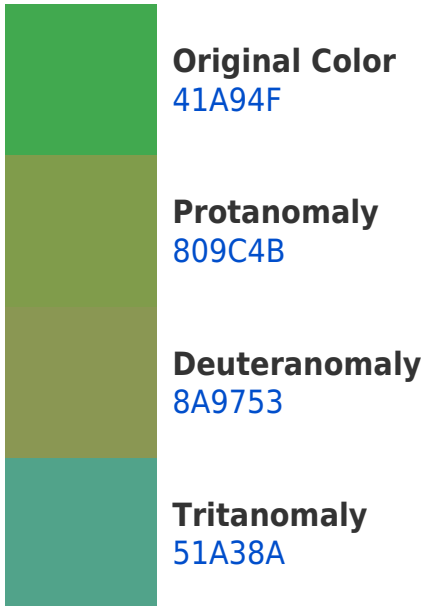
Color Blindness Simulation

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](#).

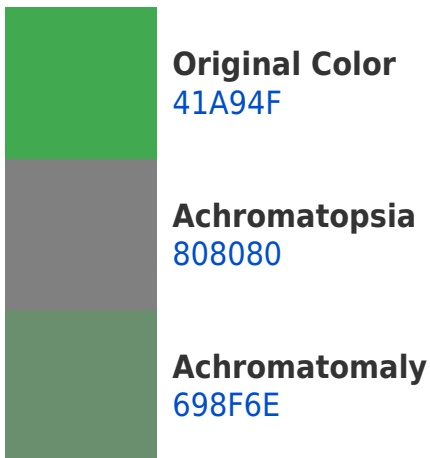
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41A94F 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 #41A94F looks like.

```
.text, #text, p{  
    color:#41A94F  
}
```

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 #41A94F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A94F
}
```

Border

The CSS property to change the border of an element to Hex 41A94F 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
#41A94F }
```

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

```
.border{ border-color:#41A94F }
```

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

Here you see how a box with a 4 pixel #41A94F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A94F; -webkit-box-shadow:4px 4px  
4px 4px #41A94F; box-shadow:4px 4px 4px  
4px #41A94F }
```

Background

The CSS property to change the background color of an element to Hex 41A94F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A94F }
```

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

```
.background{ background-color:#41A94F }
```

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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