

# Converting Colors

Hex(41AF59)

Have a look what the booklet for  
Hex(41AF59) contains.

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# **Color**

**Hex(41AF59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41AF59
RGB	65, 175, 89
RGB Percent	25%, 69%, 35%
CMY	0.7451, 0.3137, 0.6510
CMYK	0.63, 0.00, 0.49, 0.31
HSL	133°, 46%, 47%
HSV	133°, 63%, 69%
XYZ	19.3131, 32.5050, 14.7074
YIQ	132.3060, -37.9540, -50.0660

# Conversions

## Conversions Part 2

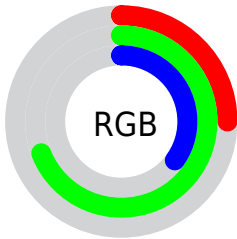
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">65, 155, 175</a>
Decimal	<a href="#">4304729</a>
CIELab	<a href="#">63.76, -49.83, 34.90</a>
CIELCh	<a href="#">64, 60.837, 144.998</a>
Yxy	<a href="#">32.5050, 0.2903, 0.4886</a>
Android (android.graphics.Color)	<a href="#">4282494809 (0xFF41AF59)</a>
YUV	<a href="#">132.3060, -21.3499, -59.0274</a>
Hunter-Lab	<a href="#">57.0132, -39.3065, 24.6145</a>

# Details

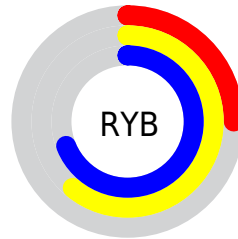
The Hex color **41AF59** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AF4197**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7CE78C**, and **007928** is the 20% darker color. If you saturate the color by 10%, you get **2FAF4B**, and if you desaturate by 10%, it is **53AF67**.

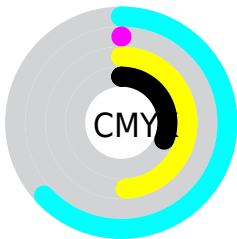
# Distribution



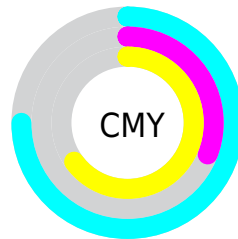
- Red (25%)
- Green (69%)
- Blue (35%)



- Red (25%)
- Yellow (61%)
- Blue (69%)



- Cyan (63%)
- Magenta (0%)
- Yellow (49%)
- Black (31%)



- Cyan (75%)
- Magenta (31%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41AF59 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 41AF59 by changing the saturation by 10% instead.





41AF59



41AF59

FFFFFF



1D9440



7CE78C



007928



99FFA7



00600F



B6FFC3



004700



D3FFDF



003000



F0FFFC



001600



000000



41AF59



41AF59



2FAF4B



53AF67

■ 1EAF3E

■ 64AF74

■ 0CAF30

■ 76AF82

■ 00AF26

■ 87AF90

■ 99AF9D

■ AAAFAB

■ BBAFB9

■ CDAFC6

■ DFAFD4

# Harmonies

## Analogous

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



8AA52E



41AF59



00B48F

# Triad

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



41AF59



00A3FF



FC6C70

# Complementary

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



41AF59



AF4197

# 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.



F768A6



41AF59



8B90FD

# Square

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



41AF59



00AFF3



D478D9



E67F41

# Rectangle

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



41AF59



00B5B5



D478D9



FD6881



# Sweetspot

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



41AF59



B8E3C1



97AF41



58735E



F2F2F2



737373



# Same Dimension

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



41AF59



39E35E



41AF90



4E5750



009621



001705



# Inverse Universe

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



AF4197



E339BE



AF4160



574E55



960076



170012



# Previews

## White Background



This preview shows how the Hex color 41AF59 looks on a white background.

## Color Contrast Check

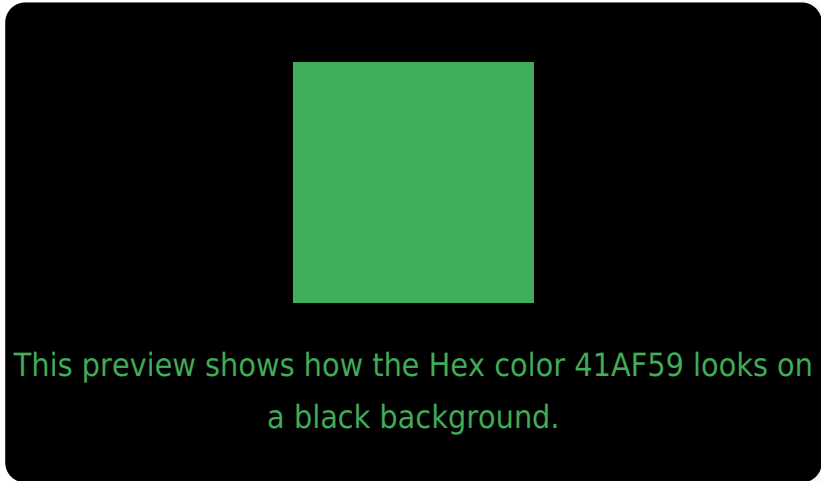
Large Text (above 18pt) WCAG AA × Fail

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 41AF59 Background



This preview shows how black text looks on a background with the Hex color 41AF59.

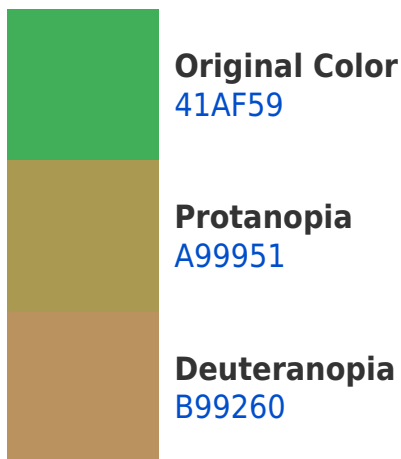


This preview shows how white text looks on a background with the Hex color 41AF59.

# 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](#).

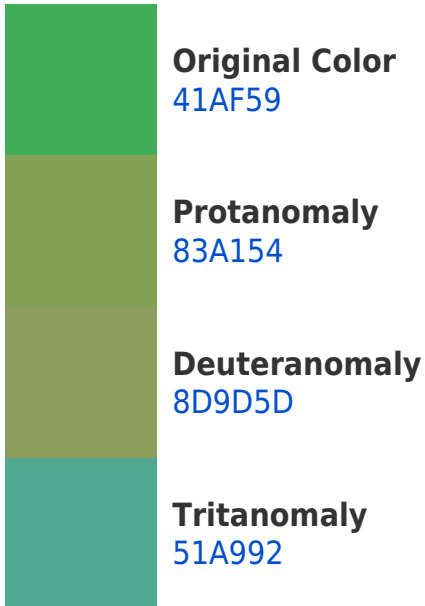
## Dichromacy



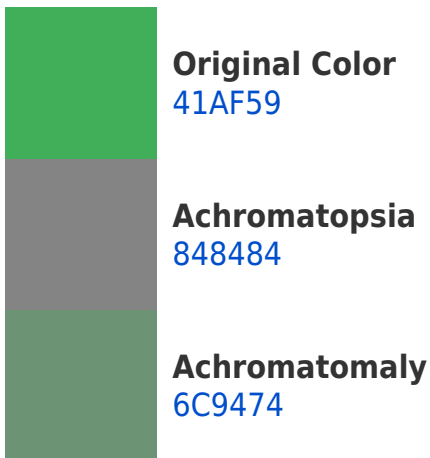


**Tritanopia**  
5AA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41AF59 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 #41AF59 looks like.

```
.text, #text, p{  
    color:#41AF59  
}
```

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 #41AF59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41AF59
}
```

## Border

The CSS property to change the border of an element to Hex 41AF59 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
#41AF59 }
```

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

```
.border{ border-color:#41AF59 }
```

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

Here you see how a box with a 4 pixel #41AF59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41AF59; -webkit-box-shadow:4px 4px  
4px 4px #41AF59; box-shadow:4px 4px 4px  
4px #41AF59 }
```

# Background

The CSS property to change the background color of an element to Hex 41AF59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41AF59 }
```

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

```
.background{ background-color:#41AF59 }
```

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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