

# Converting Colors

Hex(4DA15F)

Have a look what the booklet for  
Hex(4DA15F) contains.

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# Color

**Hex(4DA15F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA15F
RGB	77, 161, 95
RGB Percent	30%, 63%, 37%
CMY	0.6980, 0.3686, 0.6275
CMYK	0.52, 0.00, 0.41, 0.37
HSL	133°, 35%, 47%
HSV	133°, 52%, 63%
XYZ	17.8710, 27.8937, 15.2686
YIQ	128.3600, -28.8780, -38.3340

# Conversions

## Conversions Part 2

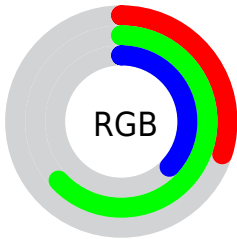
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 146, 161
Decimal	5087583
CIELab	59.79, -40.25, 26.77
CIELCh	60, 48.338, 146.371
Yxy	27.8937, 0.2928, 0.4570
Android (android.graphics.Color)	4283277663 (0xFF4DA15F)
YUV	128.3600, -16.4465, -45.0427
Hunter-Lab	52.8145, -32.0259, 19.8295

# Details

The Hex color **4DA15F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A14D8F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **84D892**, and **0D6D2F** is the 20% darker color. If you saturate the color by 10%, you get **3DA152**, and if you desaturate by 10%, it is **5DA16C**.

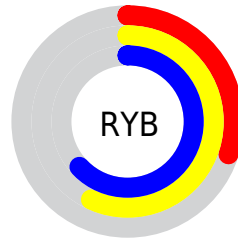
# Distribution



Red (30%)

Green (63%)

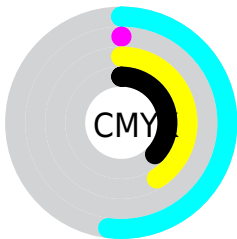
Blue (37%)



Red (30%)

Yellow (57%)

Blue (63%)

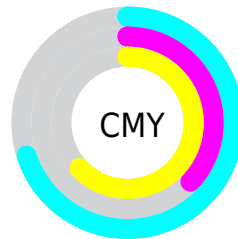


Cyan (52%)

Magenta (0%)

Yellow (41%)

Black (37%)



Cyan (70%)

Magenta (37%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DA15F 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 4DA15F by changing the saturation by 10% instead.



 4DA15F

 4DA15F

FFFFFF

 318647

 84D892

 0D6D2F

 9FF5AD

 005419

 BCFFC9

 003B00

 D8FFE5

 002700

 F6FFFF

 000000

 4DA15F

 4DA15F

 3DA152

 5DA16C

 2DA146

 6DA178

 1DA139

 7DA185

 0DA12C

 8DA192

 00A123

 9EA19E

 AEA1AB

 BEA1B8

 CEA1C4

 DEA1D1

# Harmonies

## Analogous

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



839940



4DA15F



00A589

# Triad

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



4DA15F



2496E5



DE6E6D

# Complementary

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



4DA15F



A14D8F

# 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.



DB6B97



4DA15F



8A87DC

# Square

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



4DA15F



00A0D6



BF76C0



CD7C4A

# Rectangle

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



4DA15F



00A5A7



BF76C0



E06C7A



# Sweetspot

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



4DA15F



B0D1B7



90A14D



556959



E8E8E8



696969



# Same Dimension

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



4DA15F



4DD16A



4DA188



49524B



00911F



001204



# Inverse Universe

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



A14D8F



D14DB5



A14D66



524950



910072



12000E



# Previews

## White Background



This preview shows how the Hex color 4DA15F looks on a white background.

## Color Contrast Check

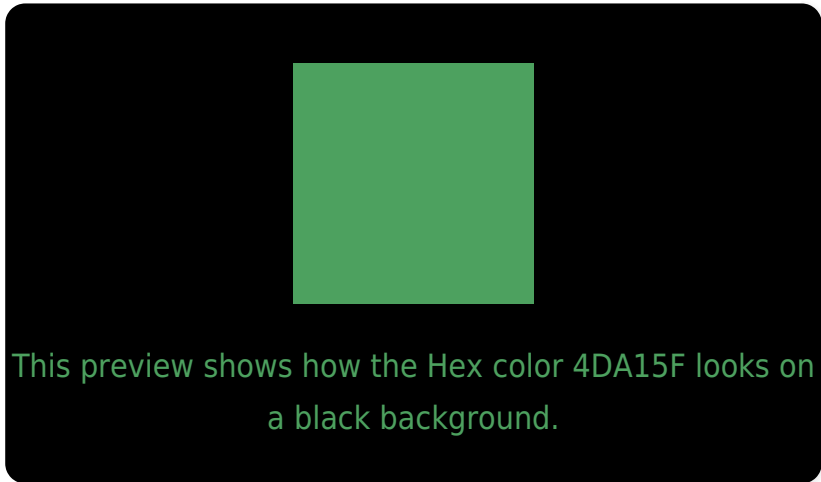
Large Text (above 18pt) WCAG AA ✓ Pass

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

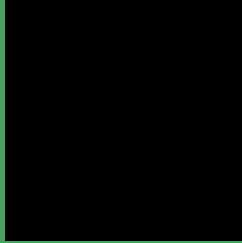
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4DA15F Background



This preview shows how black text looks on a background with the Hex color 4DA15F.



This preview shows how white text looks on a background with the Hex color 4DA15F.

# 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](#).

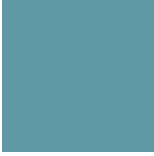
## Dichromacy



**Original Color**  
4DA15F

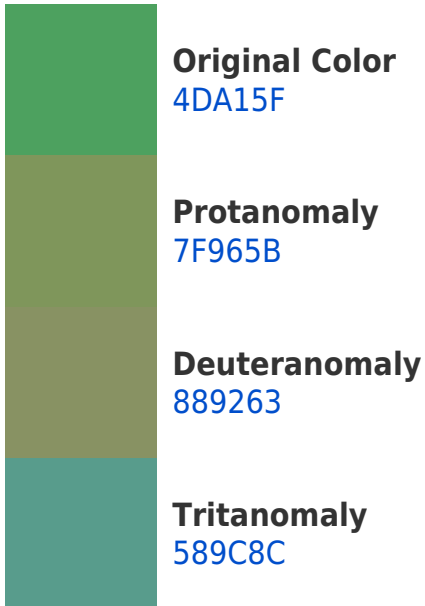
**Protanopia**  
9C8F58

**Deuteranopia**  
AA8965

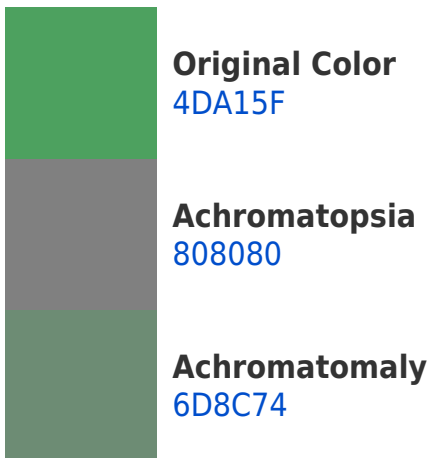


**Tritanopia**  
5E99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DA15F 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 #4DA15F looks like.

```
.text, #text, p{  
    color:#4DA15F  
}
```

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 #4DA15F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA15F  
}
```

## Border

The CSS property to change the border of an element to Hex 4DA15F 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  
#4DA15F }
```

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

```
.border{ border-color:#4DA15F }
```

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

Here you see how a box with a 4 pixel #4DA15F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA15F; -webkit-box-shadow:4px 4px  
4px 4px #4DA15F; box-shadow:4px 4px 4px  
4px #4DA15F }
```

# Background

The CSS property to change the background color of an element to Hex 4DA15F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA15F }
```

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

```
.background{ background-color:#4DA15F }
```

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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