

# Converting Colors

Hex(15A44F)

Have a look what the booklet for  
Hex(15A44F) contains.

<b>Hex(15A44F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(15A44F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15A44F
RGB	21, 164, 79
RGB Percent	8%, 64%, 31%
CMY	0.9176, 0.3569, 0.6902
CMYK	0.87, 0.00, 0.52, 0.36
HSL	144°, 77%, 36%
HSV	144°, 87%, 64%
XYZ	14.9960, 27.2749, 11.8713
YIQ	111.5530, -57.9430, -56.7510

# Conversions

## Conversions Part 2

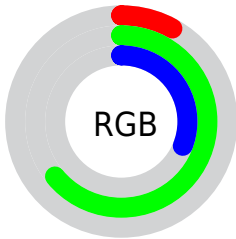
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">21, 123, 164</a>
Decimal	<a href="#">1418319</a>
CIELab	<a href="#">59.23, -54.08, 34.16</a>
CIELCh	<a href="#">59, 63.965, 147.723</a>
Yxy	<a href="#">27.2749, 0.2770, 0.5038</a>
Android (android.graphics.Color)	<a href="#">4279608399 (0xFF15A44F)</a>
YUV	<a href="#">111.5530, -16.0486, -79.4150</a>
Hunter-Lab	<a href="#">52.2253, -40.1398, 23.0805</a>

# Details

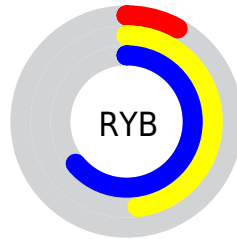
The Hex color **15A44F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A4156A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **60DC82**, and **006F1F** is the 20% darker color. If you saturate the color by 10%, you get **05A445**, and if you desaturate by 10%, it is **25A459**.

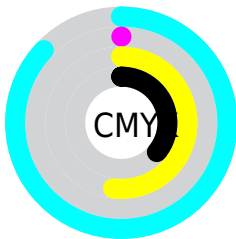
# Distribution



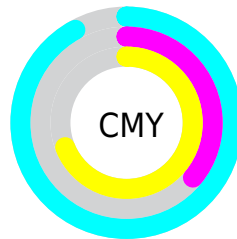
- Red (8%)
- Green (64%)
- Blue (31%)



- Red (8%)
- Yellow (48%)
- Blue (64%)



- Cyan (87%)
- Magenta (0%)
- Yellow (52%)
- Black (36%)



- Cyan (92%)
- Magenta (36%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15A44F 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 15A44F by changing the saturation by 10% instead.




 15A44F

 15A44F

FFFFFF

 008937

 60DC82

 006F1F

 7DF99C

 005504

 9BFFB8

 003C00

 B8FFD4

 002600

 D6FFF0

 000000

 F4FFFF

 15A44F

 15A44F

 05A445

 25A459

■ 00A443

■ 36A462

■ 46A46C

■ 57A476

■ 67A480

■ 77A489

■ 88A493

■ 98A49D

■ A9A4A7

# Harmonies

## Analogous

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



779B1C



15A44F



00A888

# Triad

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



15A44F



0097FF



F05D5E

# Complementary

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



15A44F



A4156A

# 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.



EF5695



15A44F



8581F3

# Square

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



15A44F



00A3ED



CE68CB



D8742D

# Rectangle

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



15A44F



00A9AF



CE68CB



F35870



# Sweetspot

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



15A44F



9FD6B5



6BA415



4A6B57



EBEBEB



6B6B6B



# Same Dimension

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



15A44F



00D657



15A496



49524D



00913B



001207



# Inverse Universe

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



A4156A



D6007F



A41523



52494E



910056



12000B



# Previews

## White Background



This preview shows how the Hex color 15A44F looks on a white background.

## Color Contrast Check

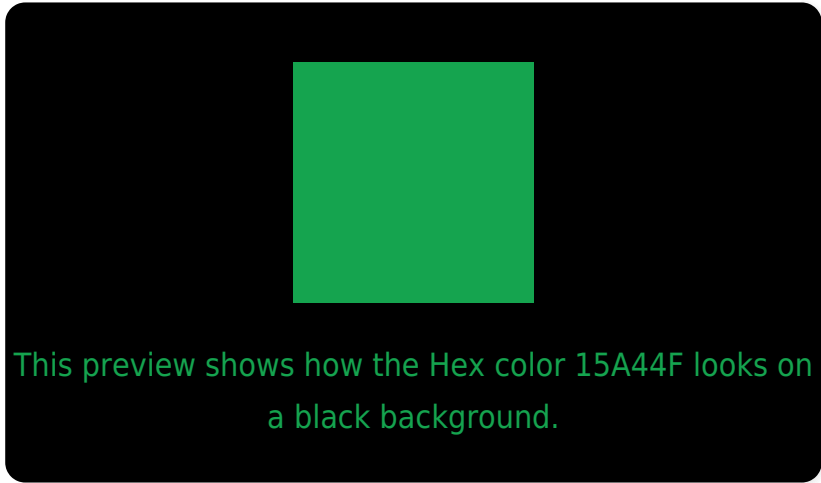
Large Text (above 18pt) WCAG AA ✓ Pass

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 15A44F Background



This preview shows how black text looks on a background with the Hex color 15A44F.



This preview shows how white text looks on a background with the Hex color 15A44F.

# 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**  
15A44F

**Protanopia**  
9C8E47

**Deuteranopia**  
AB8756

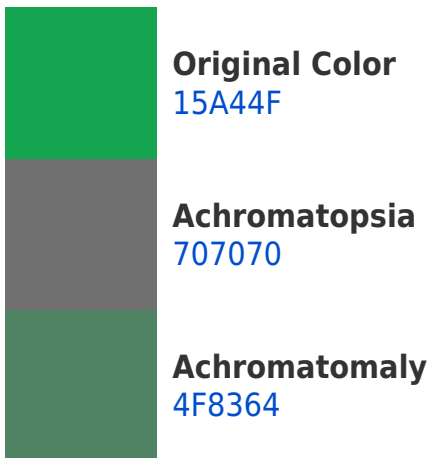


**Tritanopia**  
429AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15A44F 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 #15A44F looks like.

```
.text, #text, p{  
  color:#15A44F  
}
```

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 #15A44F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15A44F
}
```

## Border

The CSS property to change the border of an element to Hex 15A44F 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
#15A44F }
```

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

```
.border{ border-color:#15A44F }
```

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

Here you see how a box with a 4 pixel #15A44F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15A44F; -webkit-box-shadow:4px 4px  
4px 4px #15A44F; box-shadow:4px 4px 4px  
4px #15A44F }
```

# Background

The CSS property to change the background color of an element to Hex 15A44F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15A44F }
```

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

```
.background{ background-color:#15A44F }
```

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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