

# Converting Colors

Hex(14A45F)

Have a look what the booklet for  
Hex(14A45F) contains.

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# Color

Hex(14A45F)

# Conversions

## Conversions Part 1

Format	Color
Hex	14A45F
RGB	20, 164, 95
RGB Percent	8%, 64%, 37%
CMY	0.9216, 0.3569, 0.6275
CMYK	0.88, 0.00, 0.42, 0.36
HSL	151°, 78%, 36%
HSV	151°, 88%, 64%
XYZ	15.6295, 27.5259, 15.3157
YIQ	113.0780, -63.6750, -51.9870

# Conversions

## Conversions Part 2

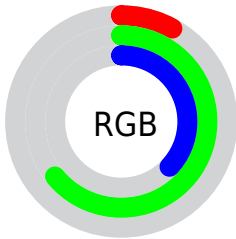
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">20, 115, 164</a>
Decimal	<a href="#">1352799</a>
CIELab	<a href="#">59.46, -51.32, 26.09</a>
CIELCh	<a href="#">59, 57.570, 153.055</a>
Yxy	<a href="#">27.5259, 0.2673, 0.4708</a>
Android (android.graphics.Color)	<a href="#">4279542879 (0xFF14A45F)</a>
YUV	<a href="#">113.0780, -8.9125, -81.6294</a>
Hunter-Lab	<a href="#">52.4651, -38.6382, 19.4175</a>

# Details

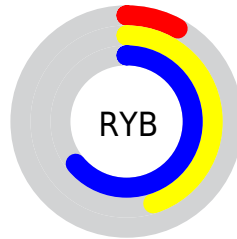
The Hex color **14A45F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A41459**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5FDC92**, and **006F2F** is the 20% darker color. If you saturate the color by 10%, you get **04A457**, and if you desaturate by 10%, it is **24A467**.

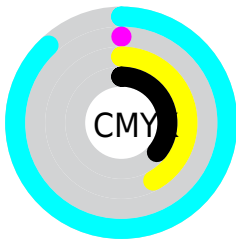
# Distribution



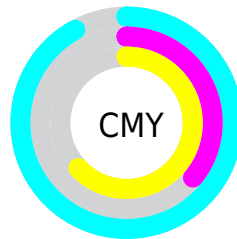
- Red (8%)
- Green (64%)
- Blue (37%)



- Red (8%)
- Yellow (45%)
- Blue (64%)



- Cyan (88%)
- Magenta (0%)
- Yellow (42%)
- Black (36%)



- Cyan (92%)
- Magenta (36%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14A45F 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 14A45F by changing the saturation by 10% instead.



 14A45F

 14A45F

FFFFFF

 008947

 5FDC92

 006F2F

 7DF9AD

 005519

 9AFFC9

 003D00

 B8FFE5

 002600

 D5FFFF

 000000

 F3FFFF

 14A45F

 14A45F

 04A457

 24A467

■ 00A455

■ 35A46F

■ 45A477

■ 56A47E

■ 66A486

■ 76A48E

■ 87A496

■ 97A49E

■ A8A4A6

# Harmonies

## Analogous

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



719C33



14A45F



00A793

# Triad

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



14A45F



0393F4



E7685B

# Complementary

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



14A45F



A41459

# 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.



EA5F8C



14A45F



9780E4

# Square

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



14A45F



00A0E9



D06ABE



CD7B33

# Rectangle

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



14A45F



00A7B5



D06ABE



EA636B



# Sweetspot

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



14A45F



9FD6BC



5AA414



4A6B5B



EBEBEB



6B6B6B



# Same Dimension

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



14A45F



00D670



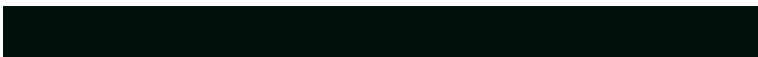
14A2A4



49524E



00914C



001209



# Inverse Universe

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



A41459



D60067



A41614



52494D



910046



120009



# Previews

## White Background



This preview shows how the Hex color 14A45F looks on a white background.

## Color Contrast Check

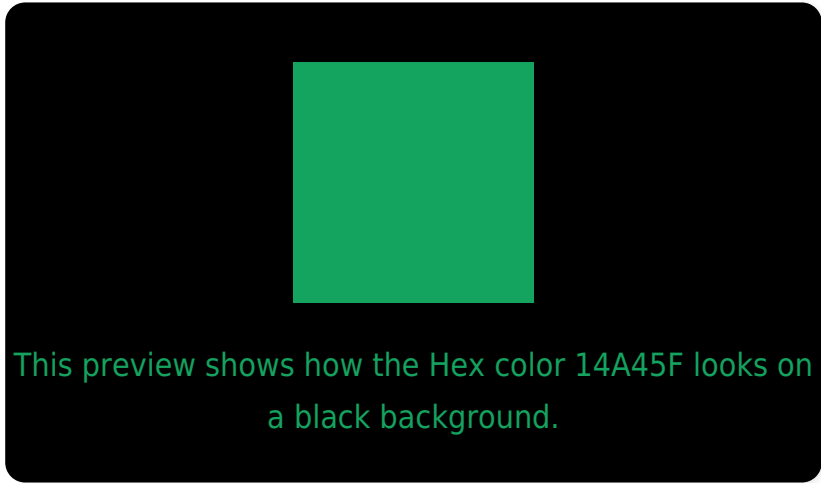
Large Text (above 18pt) WCAG AA ✓ Pass

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 14A45F Background



This preview shows how black text looks on a background with the Hex color 14A45F.



This preview shows how white text looks on a background with the Hex color 14A45F.

# 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**  
14A45F

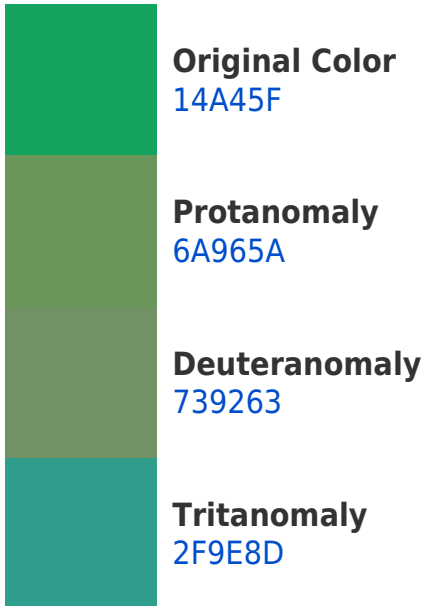
**Protanopia**  
9B8E57

**Deuteranopia**  
A98866

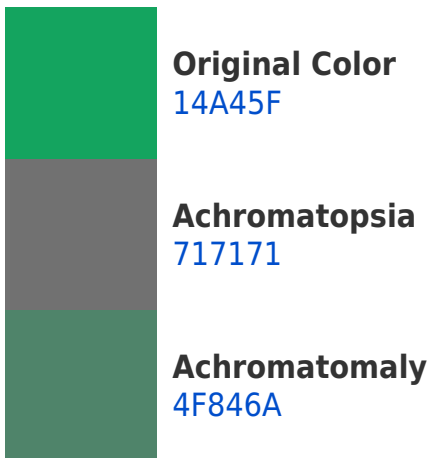


**Tritanopia**  
3F9BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14A45F 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 #14A45F looks like.

```
.text, #text, p{  
    color:#14A45F  
}
```

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 #14A45F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14A45F
}
```

## Border

The CSS property to change the border of an element to Hex 14A45F 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
#14A45F }
```

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

```
.border{ border-color:#14A45F }
```

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

Here you see how a box with a 4 pixel #14A45F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14A45F; -webkit-box-shadow:4px 4px  
4px 4px #14A45F; box-shadow:4px 4px 4px  
4px #14A45F }
```

# Background

The CSS property to change the background color of an element to Hex 14A45F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14A45F }
```

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

```
.background{ background-color:#14A45F }
```

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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