

# Converting Colors

Hex(148F47)

Have a look what the booklet for  
Hex(148F47) contains.

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# Color

Hex(148F47)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	148F47
RGB	20, 143, 71
RGB Percent	8%, 56%, 28%
CMY	0.9216, 0.4392, 0.7216
CMYK	0.86, 0.00, 0.50, 0.44
HSL	145°, 75%, 32%
HSV	145°, 86%, 56%
XYZ	11.2483, 20.2486, 9.2768
YIQ	98.0150, -50.1960, -48.4680

# Conversions

## Conversions Part 2

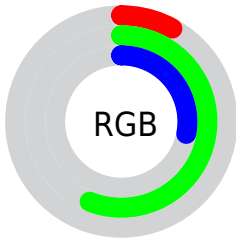
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 107, 143
Decimal	1347399
CIE <sub>Lab</sub>	52.12, -48.13, 29.44
CIE <sub>LCh</sub>	52, 56.416, 148.547
Yxy	20.2486, 0.2759, 0.4966
Android (android.graphics.Color)	4279537479 (0xFF148F47)
YUV	98.0150, -13.3184, -68.4192
Hunter-Lab	44.9984, -34.1275, 19.2758

# Details

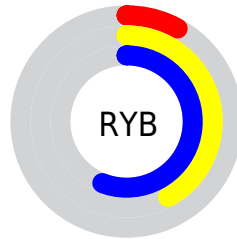
The Hex color **148F47** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8F145C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **59C679**, and **005B18** is the 20% darker color. If you saturate the color by 10%, you get **068F3F**, and if you desaturate by 10%, it is **228F4F**.

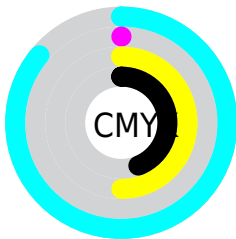
# Distribution



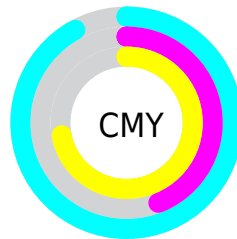
- Red (8%)
- Green (56%)
- Blue (28%)



- Red (8%)
- Yellow (42%)
- Blue (56%)



- Cyan (86%)
- Magenta (0%)
- Yellow (50%)
- Black (44%)



- Cyan (92%)
- Magenta (44%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 148F47 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 148F47 by changing the saturation by 10% instead.



 148F47

 148F47

FFFFFF

 00752F

 59C679

 005B18

 76E293

 004200

 93FFAE

 002D00

 B0FFC9

 000E00

 CDFFE6

 000000

 EAFFFF

 148F47

 148F47

 068F3F

 228F4F

■ 008F3B

■ 318F58

■ 3F8F60

■ 4D8F68

■ 5B8F71

■ 6A8F79

■ 788F82

■ 868F8A

■ 958F92

# Harmonies

## Analogous

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



67871C



148F47



009378

# Triad

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



148F47



0083DD



D15351

# Complementary

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



148F47



8F145C

# 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.



D04D81



148F47



7770D2

# Square

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



148F47



008ECE



B45BB0



BB6628

# Rectangle

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



148F47



00939A



B45BB0



D34F60



# Sweetspot

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



148F47



8ABA9E



5E8F14



415E4D



DEDEDE



5E5E5E



# Same Dimension

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



148F47



00BA4D



148F83



404743



008738



000803



# Inverse Universe

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



8F145C



BA006D



8F1420



474044



87004F



080004



# Previews

## White Background



This preview shows how the Hex color 148F47 looks on a white background.

## Color Contrast Check

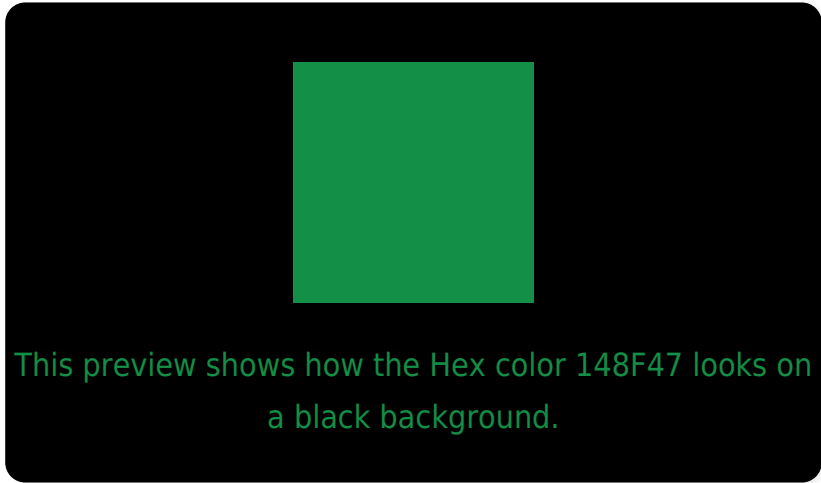
Large Text (above 18pt) WCAG AA ✓ Pass

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 148F47 Background



This preview shows how black text looks on a background with the Hex color 148F47.



This preview shows how white text looks on a background with the Hex color 148F47.

# 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**  
148F47

**Protanopia**  
887C40

**Deuteranopia**  
95764D



**Tritanopia**  
398792

# Trichromacy



**Original Color**  
148F47



**Protanomaly**  
5E8343



**Deuteranomaly**  
667F4B



**Tritanomaly**  
2C8A77

# Monochromacy



**Original Color**  
148F47



**Achromatopsia**  
626262



**Achromatomaly**  
467258

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 148F47 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 #148F47 looks like.

```
.text, #text, p{  
    color:#148F47  
}
```

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 #148F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #148F47
}
```

## Border

The CSS property to change the border of an element to Hex 148F47 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
#148F47 }
```

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

```
.border{ border-color:#148F47 }
```

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

Here you see how a box with a 4 pixel #148F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #148F47; -webkit-box-shadow:4px 4px  
4px 4px #148F47; box-shadow:4px 4px 4px  
4px #148F47 }
```

# Background

The CSS property to change the background color of an element to Hex 148F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#148F47 }
```

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

```
.background{ background-color:#148F47 }
```

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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