

# Converting Colors

Hex(198447)

Have a look what the booklet for  
Hex(198447) contains.

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# Color

Hex(198447)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	198447
RGB	25, 132, 71
RGB Percent	10%, 52%, 28%
CMY	0.9020, 0.4824, 0.7216
CMYK	0.81, 0.00, 0.46, 0.48
HSL	146°, 68%, 31%
HSV	146°, 81%, 52%
XYZ	9.7895, 17.1641, 8.7583
YIQ	93.0530, -44.1910, -41.6550

# Conversions

## Conversions Part 2

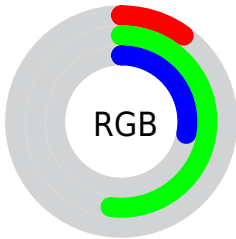
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 100, 132
Decimal	1672263
CIE <sub>Lab</sub>	48.47, -43.50, 24.81
CIE <sub>LCh</sub>	48, 50.077, 150.296
Yxy	17.1641, 0.2741, 0.4806
Android (android.graphics.Color)	4279862343 (0xFF198447)
YUV	93.0530, -10.8721, -59.6825
Hunter-Lab	41.4296, -30.3237, 16.4667

# Details

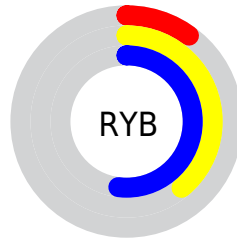
The Hex color **198447** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **841956**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **58BA78**, and **005119** is the 20% darker color. If you saturate the color by 10%, you get **0C843F**, and if you desaturate by 10%, it is **26844F**.

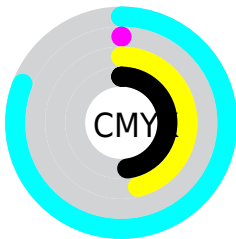
# Distribution



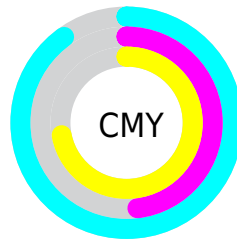
- Red (10%)
- Green (52%)
- Blue (28%)



- Red (10%)
- Yellow (39%)
- Blue (52%)



- Cyan (81%)
- Magenta (0%)
- Yellow (46%)
- Black (48%)



- Cyan (90%)
- Magenta (48%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 198447 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 198447 by changing the saturation by 10% instead.



 198447

 198447

FFFFFF

 006A30

 58BA78

 005119

 75D692

 003901

 91F3AD

 002400

 ADFFC9

 000000

 CAFFE5

 E7FFFF

 198447

 198447

 0C843F

 26844F

008439

338456

41845E

4E8465

5B846D

688474

75847C

838483

90848B

# Harmonies

## Analogous

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



5E7D23



198447



008772

# Triad

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



198447



0078C8



BD514B

# Complementary

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



198447



841956

# 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.



BE4B74



198447



7368BD

# Square

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



198447



0082BC



A6559E



A96128

# Rectangle

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



198447



00878F



A6559E



C04D58



# Sweetspot

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



198447



82AB93



578419



3E5748



D6D6D6



575757



# Same Dimension

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



198447



05AB4C



19847B



3C423F



008238



000301



# Inverse Universe

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



841956



AB0564



841922



423C3F



82004A



030001



# Previews

## White Background



This preview shows how the Hex color 198447 looks on a white background.

## Color Contrast Check

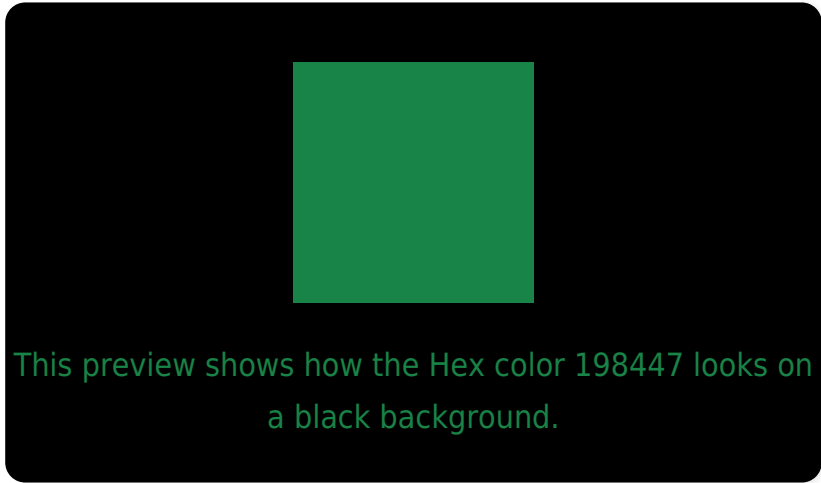
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

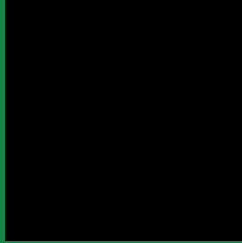
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 198447 Background



This preview shows how black text looks on a background with the Hex color 198447.



This preview shows how white text looks on a background with the Hex color 198447.

# 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**  
198447

**Protanopia**  
7E7241

**Deuteranopia**  
896D4C



**Tritanopia**  
367D87

# Trichromacy



**Original Color**  
198447



**Protanomaly**  
597943



**Deuteranomaly**  
60754A



**Tritanomaly**  
2B8070

# Monochromacy



**Original Color**  
198447



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
446B55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 198447 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 #198447 looks like.

```
.text, #text, p{  
    color:#198447  
}
```

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 #198447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #198447
}
```

## Border

The CSS property to change the border of an element to Hex 198447 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
#198447 }
```

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

```
.border{ border-color:#198447 }
```

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

Here you see how a box with a 4 pixel #198447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #198447; -webkit-box-shadow:4px 4px  
4px 4px #198447; box-shadow:4px 4px 4px  
4px #198447 }
```

# Background

The CSS property to change the background color of an element to Hex 198447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#198447 }
```

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

```
.background{ background-color:#198447 }
```

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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