

Converting Colors

Hex(1F8A50)

Have a look what the booklet for
Hex(1F8A50) contains.

Hex(1F8A50)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1F8A50)

Conversions

Conversions Part 1

Format	Color
Hex	1F8A50
RGB	31, 138, 80
RGB Percent	12%, 54%, 31%
CMY	0.8784, 0.4588, 0.6863
CMYK	0.78, 0.00, 0.42, 0.46
HSL	147°, 63%, 33%
HSV	147°, 78%, 54%
XYZ	11.1015, 19.0475, 10.6808
YIQ	99.3950, -45.1540, -40.7220

Conversions

Conversions Part 2

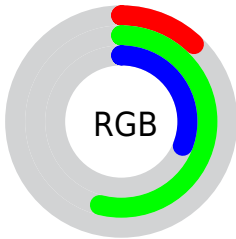
Format	Color
R_{YB}	31, 104, 138
Decimal	2067024
CIE _{Lab}	50.74, -43.27, 22.84
CIE _{LCh}	51, 48.930, 152.180
Yxy	19.0475, 0.2719, 0.4665
Android (android.graphics.Color)	4280257104 (0xFF1F8A50)
YUV	99.3950, -9.5617, -59.9824
Hunter-Lab	43.6434, -30.9711, 16.0403

Details

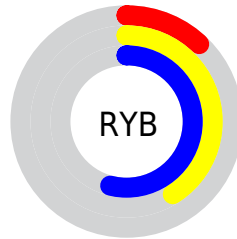
The Hex color **1F8A50** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A1F59**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5DC082**, and **005722** is the 20% darker color. If you saturate the color by 10%, you get **118A49**, and if you desaturate by 10%, it is **2D8A57**.

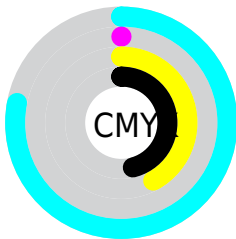
Distribution



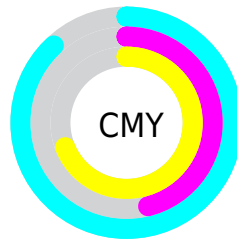
- Red (12%)
- Green (54%)
- Blue (31%)



- Red (12%)
- Yellow (41%)
- Blue (54%)



- Cyan (78%)
- Magenta (0%)
- Yellow (42%)
- Black (46%)



- Cyan (88%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F8A50 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 1F8A50 by changing the saturation by 10% instead.

 1F8A50

 1F8A50

FFFFFF

 007039

 5DC082

 005722

 79DD9C

 003E0C

 95FAB7

 002900

 B2FFD3

 000500


 CFFFEF

 000000

 ECFFFF

 1F8A50

 1F8A50

 118A49

 2D8A57

038A41

3B8A5F

008A3F

488A66

568A6E

648A75

728A7D

808A84

8D8A8C

9B8A93

Harmonies

Analogous

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



62832D



1F8A50



008D7B

Triad

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



1F8A50



127DCC



C2584F

Complementary

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



1F8A50



8A1F59

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.



C35277



1F8A50



7E6CC0

Square

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



1F8A50



0087C2



AE5BA0



AD682E

Rectangle

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



1F8A50



008D97



AE5BA0



C5555C

Sweetspot

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



1F8A50



89B39C



5A8A1F



40594C



D9D9D9



595959

Same Dimension

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



1F8A50



0CB359



1F8A85



3E4541



00853D



000502

Inverse Universe

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



8A1F59



B30C66



8A1F24



453E42



850048



050003

Previews

White Background



This preview shows how the Hex color 1F8A50 looks on a white background.

Color Contrast Check

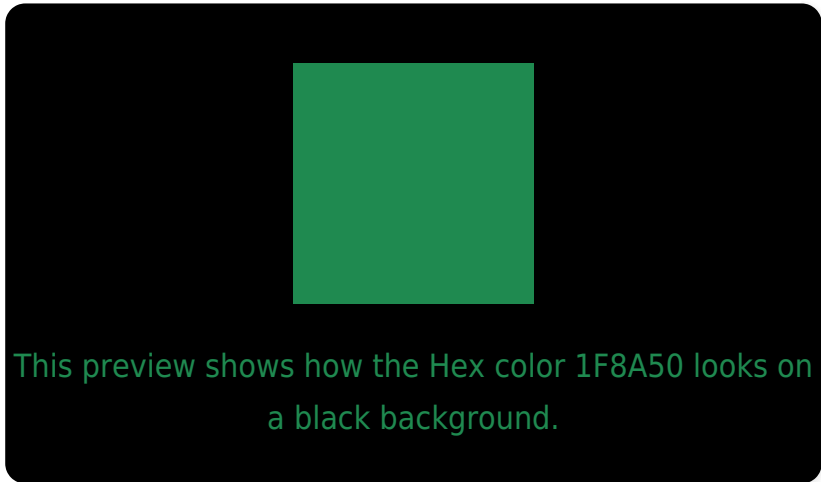
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F8A50 Background



This preview shows how black text looks on a background with the Hex color 1F8A50.



This preview shows how white text looks on a background with the Hex color 1F8A50.

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
1F8A50

Protanopia
837849

Deuteranopia
8F7355



Tritanopia
3A838D

Trichromacy



Original Color
1F8A50



Protanomaly
5F7F4C



Deuteranomaly
667B53



Tritanomaly
308677

Monochromacy



Original Color
1F8A50



Achromatopsia
636363



Achromatomaly
4A715C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F8A50 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 #1F8A50 looks like.

```
.text, #text, p{  
    color:#1F8A50  
}
```

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 #1F8A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F8A50  
}
```

Border

The CSS property to change the border of an element to Hex 1F8A50 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  
#1F8A50 }
```

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

```
.border{ border-color:#1F8A50 }
```

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

Here you see how a box with a 4 pixel #1F8A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F8A50; -webkit-box-shadow:4px 4px  
4px 4px #1F8A50; box-shadow:4px 4px 4px  
4px #1F8A50 }
```

Background

The CSS property to change the background color of an element to Hex 1F8A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F8A50 }
```

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

```
.background{ background-color:#1F8A50 }
```

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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