

Converting Colors

Hex(1F8C45)

Have a look what the booklet for
Hex(1F8C45) contains.

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Color

Hex(1F8C45)

Conversions

Conversions Part 1

Format	Color
Hex	1F8C45
RGB	31, 140, 69
RGB Percent	12%, 55%, 27%
CMY	0.8784, 0.4510, 0.7294
CMYK	0.78, 0.00, 0.51, 0.45
HSL	141°, 64%, 34%
HSV	141°, 78%, 55%
XYZ	11.0173, 19.4771, 8.8090
YIQ	99.3150, -42.1730, -45.1890

Conversions

Conversions Part 2

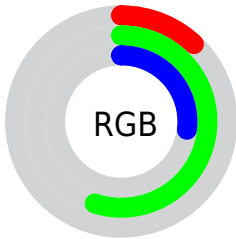
Format	Color
R_{YB}	31, 112, 140
Decimal	2067525
CIE _{Lab}	51.24, -46.04, 29.43
CIE _{LCh}	51, 54.644, 147.411
Yxy	19.4771, 0.2803, 0.4956
Android (android.graphics.Color)	4280257605 (0xFF1F8C45)
YUV	99.3150, -14.9453, -59.9123
Hunter-Lab	44.1329, -32.6719, 19.0586

Details

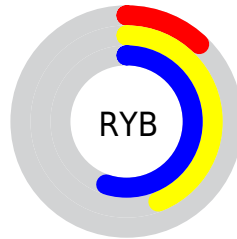
The Hex color **1F8C45** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8C1F66**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5EC377**, and **005816** is the 20% darker color. If you saturate the color by 10%, you get **118C3C**, and if you desaturate by 10%, it is **2D8C4E**.

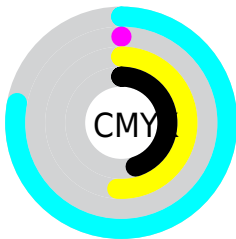
Distribution



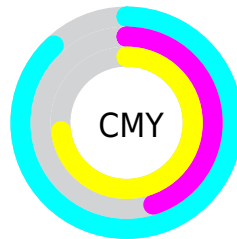
- Red (12%)
- Green (55%)
- Blue (27%)



- Red (12%)
- Yellow (44%)
- Blue (55%)



- Cyan (78%)
- Magenta (0%)
- Yellow (51%)
- Black (45%)



- Cyan (88%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F8C45 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 1F8C45 by changing the saturation by 10% instead.

 1F8C45

 1F8C45

FFFFFF

 00722D

 5EC377

 005816

 7ADF91

 004000

 96FCAC

 002B00

 B3FFC7

 000800


 D0FFE3

 000000

 EDFFFF

 1F8C45

 1F8C45

 118C3C

 2D8C4E

■ 038C33

■ 3B8C57

■ 008C31

■ 498C60

■ 578C69

■ 658C73

■ 738C7C

■ 818C85

■ 8F8C8E

■ 9D8C97

Harmonies

Analogous

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



67841D



1F8C45



009074

Triad

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



1F8C45



0081D8



CC5252

Complementary

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



1F8C45



8C1F66

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.



CB4D80



1F8C45



726FCD

Square

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



1F8C45



008BC8



AE5BAD



B8642A

Rectangle

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



1F8C45



009095



AE5BAD



CE4E61

Sweetspot

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



1F8C45



8BB59A



688C1F



425C4B



DBDBDB



5C5C5C

Same Dimension

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



1F8C45



0DB547



1F8C7A



3E4540



00852E



000502

Inverse Universe

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



8C1F66



B50D7A



8C1F31



453E42



850056



050003

Previews

White Background



This preview shows how the Hex color 1F8C45 looks on a white background.

Color Contrast Check

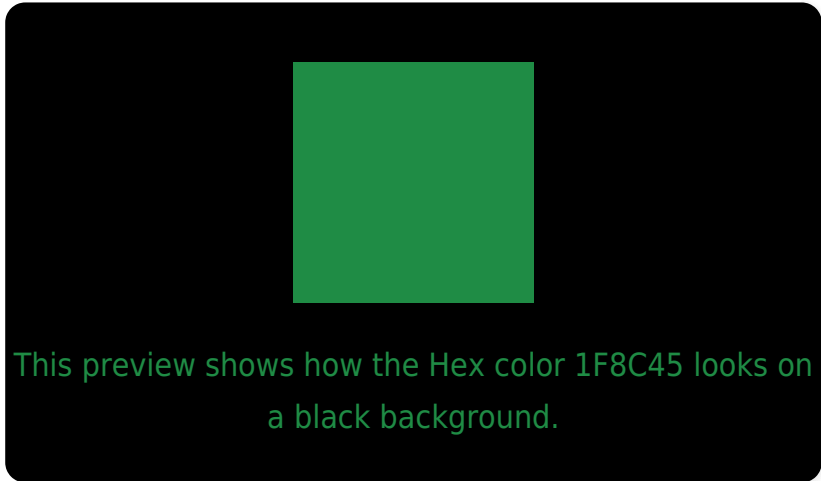
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F8C45 Background



This preview shows how black text looks on a background with the Hex color 1F8C45.



This preview shows how white text looks on a background with the Hex color 1F8C45.

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
1F8C45

Protanopia
86793F

Deuteranopia
93744B



Tritanopia
3D848F

Trichromacy



Original Color
1F8C45



Protanomaly
618041



Deuteranomaly
697D49



Tritanomaly
328774

Monochromacy



Original Color
1F8C45



Achromatopsia
636363



Achromatomaly
4A7258

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F8C45 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 #1F8C45 looks like.

```
.text, #text, p{  
    color:#1F8C45  
}
```

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 #1F8C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F8C45
}
```

Border

The CSS property to change the border of an element to Hex 1F8C45 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
#1F8C45 }
```

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

```
.border{ border-color:#1F8C45 }
```

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

Here you see how a box with a 4 pixel #1F8C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F8C45; -webkit-box-shadow:4px 4px  
4px 4px #1F8C45; box-shadow:4px 4px 4px  
4px #1F8C45 }
```

Background

The CSS property to change the background color of an element to Hex 1F8C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F8C45 }
```

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

```
.background{ background-color:#1F8C45 }
```

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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