

Converting Colors

Hex(1E9F49)

Have a look what the booklet for
Hex(1E9F49) contains.

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Color

Hex(1E9F49)

Conversions

Conversions Part 1

Format	Color
Hex	1E9F49
RGB	30, 159, 73
RGB Percent	12%, 62%, 29%
CMY	0.8824, 0.3765, 0.7137
CMYK	0.81, 0.00, 0.54, 0.38
HSL	140°, 68%, 37%
HSV	140°, 81%, 62%
XYZ	14.1362, 25.5533, 10.4906
YIQ	110.6250, -49.2780, -54.0940

Conversions

Conversions Part 2

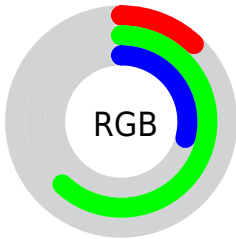
Format	Color
RYB	30, 127, 159
Decimal	2006857
CIELab	57.61, -52.38, 35.23
CIELCh	58, 63.120, 146.075
Yxy	25.5533, 0.2817, 0.5092
Android (android.graphics.Color)	4280196937 (0xFF1E9F49)
YUV	110.6250, -18.5491, -70.7081
Hunter-Lab	50.5503, -38.5463, 23.0809

Details

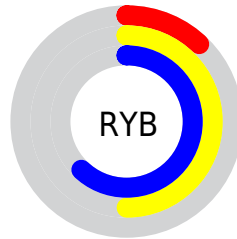
The Hex color **1E9F49** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9F1E74**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **62D77C**, and **006A18** is the 20% darker color. If you saturate the color by 10%, you get **0E9F3E**, and if you desaturate by 10%, it is **2E9F54**.

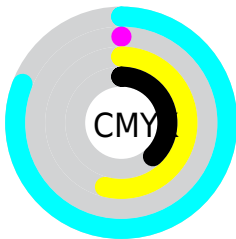
Distribution



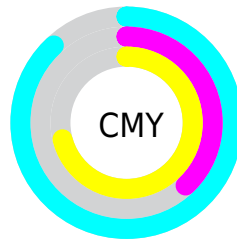
- Red (12%)
- Green (62%)
- Blue (29%)



- Red (12%)
- Yellow (50%)
- Blue (62%)



- Cyan (81%)
- Magenta (0%)
- Yellow (54%)
- Black (38%)



- Cyan (88%)
- Magenta (38%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E9F49 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 1E9F49 by changing the saturation by 10% instead.



1E9F49



1E9F49

FFFFFF



008431



62D77C



006A18



80F496



005100



9DFFB1



003800



BAFFCD



002200



D7FFE9



000000



F5FFFF



1E9F49



1E9F49



0E9F3E



2E9F54

■ 009F35

■ 3E9F5E

■ 4E9F69

■ 5E9F73

■ 6E9F7E

■ 7D9F89

■ 8D9F93

■ 9D9F9E

■ AD9FA8

Harmonies

Analogous

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



769516



1E9F49



00A381

Triad

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



1E9F49



0093F9



EB595D

Complementary

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



1E9F49



9F1E74

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.



E85394



1E9F49



7B7FEE

Square

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



1E9F49



009FE5



C665C9



D46F2D

Rectangle

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



1E9F49



00A4A7



C665C9



ED546F

Sweetspot

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



1E9F49



9DCFAE



749F1E



4A6954



E8E8E8



696969

Same Dimension

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



1E9F49



06CF49



1E9F89



474F4A



008F30



000F05

Inverse Universe

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



9F1E74



CF068C



9F1E34



4F474C



8F005F



0F000A

Previews

White Background



This preview shows how the Hex color 1E9F49 looks on a white background.

Color Contrast Check

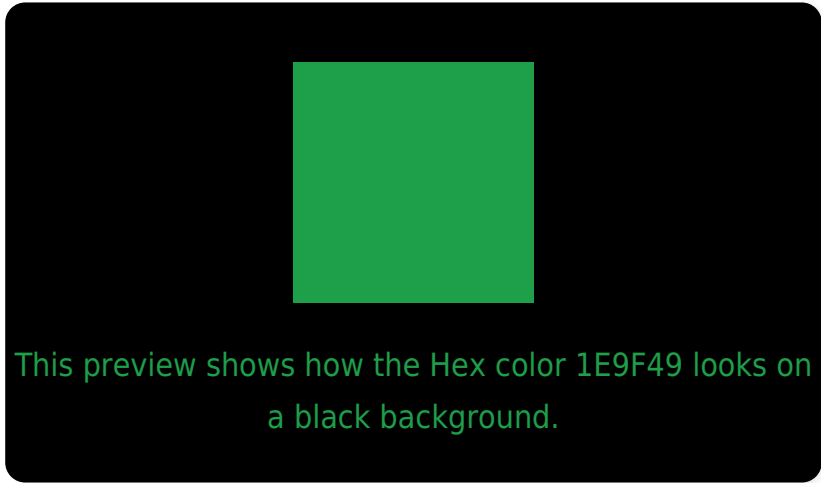
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E9F49 Background



This preview shows how black text looks on a background with the Hex color 1E9F49.

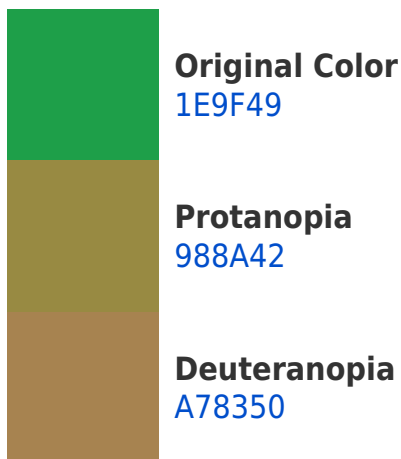


This preview shows how white text looks on a background with the Hex color 1E9F49.

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





Tritanopia
4396A2

Trichromacy



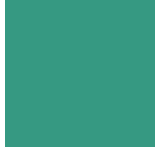
Original Color
1E9F49



Protanomaly
6C9245



Deuteranomaly
758D4D



Tritanomaly
369982

Monochromacy



Original Color
1E9F49



Achromatopsia
6F6F6F



Achromatomaly
528061

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E9F49 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 #1E9F49 looks like.

```
.text, #text, p{  
    color:#1E9F49  
}
```

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 #1E9F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9F49
}
```

Border

The CSS property to change the border of an element to Hex 1E9F49 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
#1E9F49 }
```

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

```
.border{ border-color:#1E9F49 }
```

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

Here you see how a box with a 4 pixel #1E9F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9F49; -webkit-box-shadow:4px 4px  
4px 4px #1E9F49; box-shadow:4px 4px 4px  
4px #1E9F49 }
```

Background

The CSS property to change the background color of an element to Hex 1E9F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9F49 }
```

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

```
.background{ background-color:#1E9F49 }
```

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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