

Converting Colors

Hex(1E9C58)

Have a look what the booklet for
Hex(1E9C58) contains.

| | |
|--|----|
| Hex(1E9C58) | 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(1E9C58)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1E9C58 |
| RGB | 30, 156, 88 |
| RGB Percent | 12%, 61%, 35% |
| CMY | 0.8824, 0.3882, 0.6549 |
| CMYK | 0.81, 0.00, 0.44, 0.39 |
| HSL | 148°, 68%, 36% |
| HSV | 148°, 81%, 61% |
| XYZ | 14.1853, 24.7575, 13.2636 |
| YIQ | 110.5740, -53.2680, -47.8600 |

Conversions

Conversions Part 2

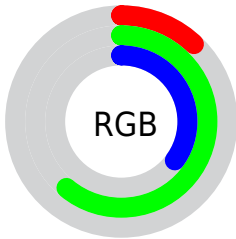
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 30, 116, 156 |
| Decimal | 2006104 |
| CIE _{Lab} | 56.84, -48.74, 26.44 |
| CIE _{LCh} | 57, 55.450, 151.521 |
| Yxy | 24.7575, 0.2717, 0.4742 |
| Android (android.graphics.Color) | 4280196184 (0xFF1E9C58) |
| YUV | 110.5740, -11.1290, -70.6634 |
| Hunter-Lab | 49.7569, -36.1856, 19.0251 |

Details

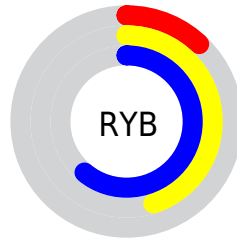
The Hex color **1E9C58** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C1E62**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **61D48B**, and **006729** is the 20% darker color. If you saturate the color by 10%, you get **0E9C50**, and if you desaturate by 10%, it is **2E9C60**.

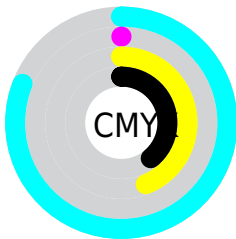
Distribution



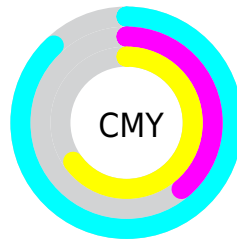
- Red (12%)
- Green (61%)
- Blue (35%)



- Red (12%)
- Yellow (45%)
- Blue (61%)



- Cyan (81%)
- Magenta (0%)
- Yellow (44%)
- Black (39%)



- Cyan (88%)
- Magenta (39%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E9C58 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 1E9C58 by changing the saturation by 10% instead.

 1E9C58

 1E9C58

FFFFFF

 008140

 61D48B

 006729

 7EF0A5

 004E12

 9BFFC1

 003600

 B8FFDD

 002000

 D6FFF9

 000000

 F3FFFF

 1E9C58

 1E9C58

 0E9C50

 2E9C60

■ 009C48

■ 3D9C69

■ 4D9C71

■ 5C9C7A

■ 6C9C82

■ 7C9C8B

■ 8B9C93

■ 9B9C9B

■ AA9CA4

Harmonies

Analogous

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



6E942F



1E9C58



009F89

Triad

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



1E9C58



008DE9



DD6259

Complementary

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



1E9C58



9C1E62

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.



DE5B88



1E9C58



8C7BDB

Square

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



1E9C58



0099DD



C566B7



C57532

Rectangle

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



1E9C58



009FAA



C566B7



E05E68

Sweetspot

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



1E9C58



9BCCB2



639C1E



486656



E6E6E6



666666

Same Dimension

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



1E9C58



06CC61



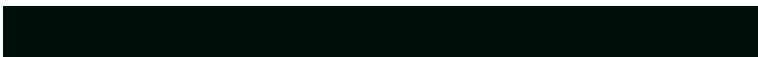
1E9C96



474F4B



008F42



000F07

Inverse Universe

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



9C1E62



CC0671



9C1E24



4F474B



8F004D



0F0008

Previews

White Background



This preview shows how the Hex color 1E9C58 looks on a white background.

Color Contrast Check

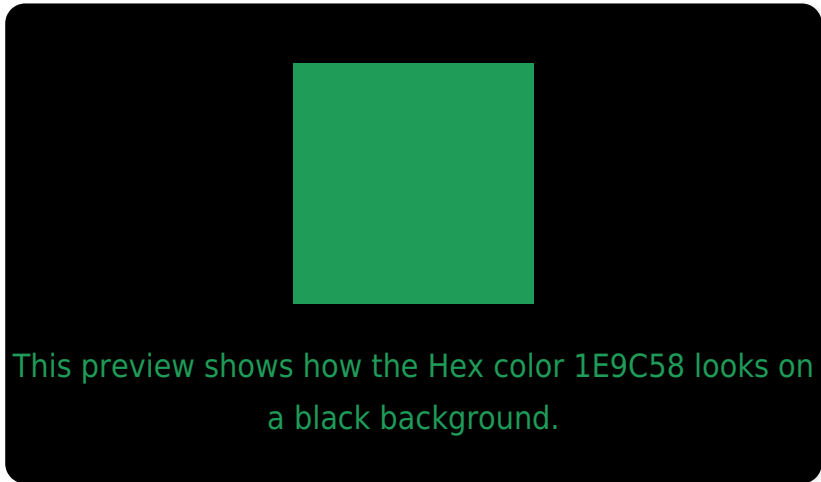
Large Text (above 18pt) WCAG AA ✓ Pass

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

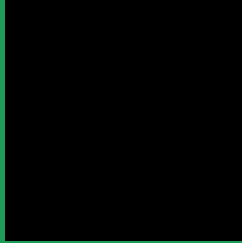
Any Text WCAG AA ✓ Pass

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 1E9C58 Background



This preview shows how black text looks on a background with the Hex color 1E9C58.



This preview shows how white text looks on a background with the Hex color 1E9C58.

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
4094A0

Trichromacy



Original Color
1E9C58



Protanomaly
698F53



Deuteranomaly
718B5C



Tritanomaly
349786

Monochromacy



Original Color
1E9C58



Achromatopsia
6F6F6F



Achromatomaly
527F67

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E9C58 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 #1E9C58 looks like.

```
.text, #text, p{  
    color:#1E9C58  
}
```

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 #1E9C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9C58  
}
```

Border

The CSS property to change the border of an element to Hex 1E9C58 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  
#1E9C58 }
```

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

```
.border{ border-color:#1E9C58 }
```

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

Here you see how a box with a 4 pixel #1E9C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9C58; -webkit-box-shadow:4px 4px  
4px 4px #1E9C58; box-shadow:4px 4px 4px  
4px #1E9C58 }
```

Background

The CSS property to change the background color of an element to Hex 1E9C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9C58 }
```

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

```
.background{ background-color:#1E9C58 }
```

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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