

Converting Colors

Hex(1E9863)

Have a look what the booklet for
Hex(1E9863) contains.

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Color

Hex(1E9863)

Conversions

Conversions Part 1

Format	Color
Hex	1E9863
RGB	30, 152, 99
RGB Percent	12%, 60%, 39%
CMY	0.8824, 0.4039, 0.6118
CMYK	0.80, 0.00, 0.35, 0.40
HSL	154°, 67%, 36%
HSV	154°, 80%, 60%
XYZ	14.0158, 23.6333, 15.6274
YIQ	109.4800, -55.6990, -42.3470

Conversions

Conversions Part 2

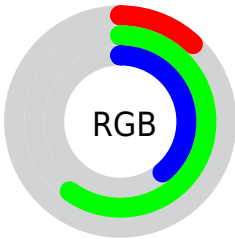
Format	Color
RYB	30, 108, 152
Decimal	2005091
CIELab	55.72, -44.98, 18.94
CIELCh	56, 48.800, 157.164
Yxy	23.6333, 0.2631, 0.4436
Android (android.graphics.Color)	4280195171 (0xFF1E9863)
YUV	109.4800, -5.1666, -69.7040
Hunter-Lab	48.6141, -33.6120, 14.9707

Details

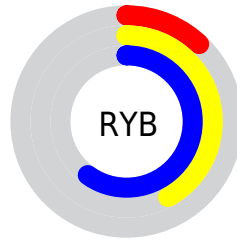
The Hex color **1E9863** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **981E53**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **60CF96**, and **006434** is the 20% darker color. If you saturate the color by 10%, you get **0F985C**, and if you desaturate by 10%, it is **2D986A**.

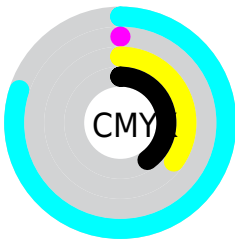
Distribution



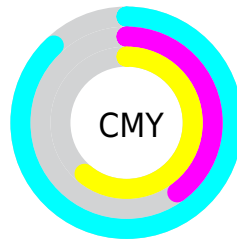
- Red (12%)
- Green (60%)
- Blue (39%)



- Red (12%)
- Yellow (42%)
- Blue (60%)



- Cyan (80%)
- Magenta (0%)
- Yellow (35%)
- Black (40%)



- Cyan (88%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E9863 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 1E9863 by changing the saturation by 10% instead.

 1E9863

 1E9863

FFFFFF

 007D4B

 60CF96

 006434

 7DECB1

 004B1E

 9AFFCC

 003307

 B7FFE9

 001C00

 D4FFFF

 000000

 F2FFFF

 1E9863

 1E9863

 0F985C

 2D986A

■ 009856

■ 3C9870

■ 4C9877

■ 5B987D

■ 6A9884

■ 79988B

■ 889891

■ 989898

■ A7989E

Harmonies

Analogous

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



67923E



1E9863



009A8F

Triad

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



1E9863



4787DA



CE6855

Complementary

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



1E9863



981E53

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.



D3607D



1E9863



9576C9

Square

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



1E9863



0093D3



C166A7



B77736

Rectangle

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



1E9863



009AAB



C166A7



D26461

Sweetspot

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



1E9863



95C4B0



55981E



476357



E3E3E3



636363

Same Dimension

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



1E9863



08C472



1E9298



454D49



008C4F



000D07

Inverse Universe

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



981E53



C4085A



98241E



4D4548



8C003D



0D0006

Previews

White Background



This preview shows how the Hex color 1E9863 looks on a white background.

Color Contrast Check

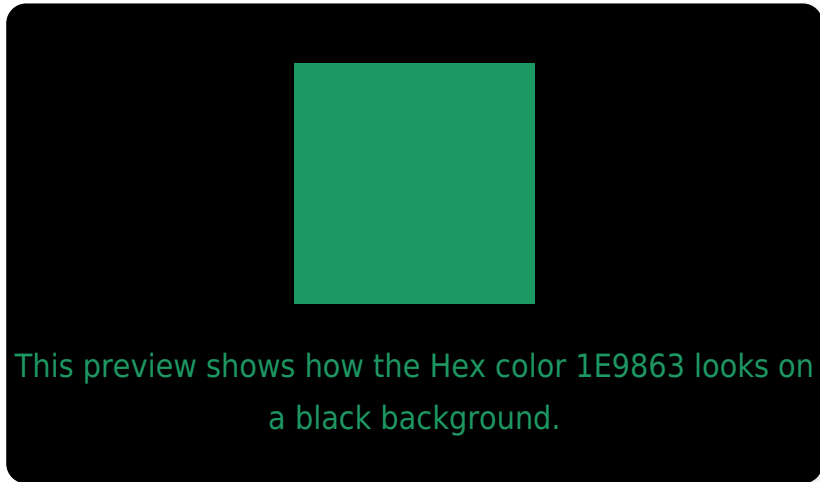
Large Text (above 18pt) WCAG AA ✓ Pass

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

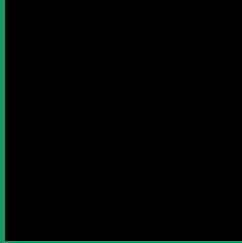
Any Text WCAG AA ✓ Pass

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 1E9863 Background



This preview shows how black text looks on a background with the Hex color 1E9863.



This preview shows how white text looks on a background with the Hex color 1E9863.

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
3C919D

Trichromacy



Original Color
1E9863



Protanomaly
668B5E



Deuteranomaly
6E8867



Tritanomaly
319488

Monochromacy



Original Color
1E9863



Achromatopsia
6D6D6D



Achromatomaly
507D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E9863 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 #1E9863 looks like.

```
.text, #text, p{  
    color:#1E9863  
}
```

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 #1E9863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9863
}
```

Border

The CSS property to change the border of an element to Hex 1E9863 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
#1E9863 }
```

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

```
.border{ border-color:#1E9863 }
```

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

Here you see how a box with a 4 pixel #1E9863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9863; -webkit-box-shadow:4px 4px  
4px 4px #1E9863; box-shadow:4px 4px 4px  
4px #1E9863 }
```

Background

The CSS property to change the background color of an element to Hex 1E9863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9863 }
```

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

```
.background{ background-color:#1E9863 }
```

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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