

Converting Colors

Hex(1E963B)

Have a look what the booklet for
Hex(1E963B) contains.

Hex(1E963B)	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(1E963B)

Conversions

Conversions Part 1

Format	Color
Hex	1E963B
RGB	30, 150, 59
RGB Percent	12%, 59%, 23%
CMY	0.8824, 0.4118, 0.7686
CMYK	0.80, 0.00, 0.61, 0.41
HSL	134°, 67%, 35%
HSV	134°, 80%, 59%
XYZ	12.2312, 22.4045, 7.8175
YIQ	103.7460, -42.3090, -53.7410

Conversions

Conversions Part 2

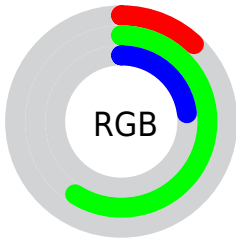
Format	Color
RYB	30, 127, 150
Decimal	2004539
CIELab	54.45, -51.25, 38.35
CIELCh	54, 64.005, 143.193
Yxy	22.4045, 0.2881, 0.5277
Android (android.graphics.Color)	4280194619 (0xFF1E963B)
YUV	103.7460, -22.0598, -64.6752
Hunter-Lab	47.3334, -36.7081, 23.3411

Details

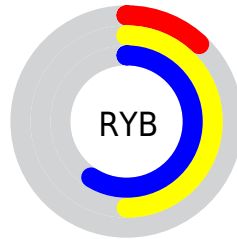
The Hex color **1E963B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **961E79**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **60CD6D**, and **006206** is the 20% darker color. If you saturate the color by 10%, you get **0F9630**, and if you desaturate by 10%, it is **2D9646**.

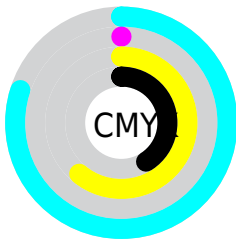
Distribution



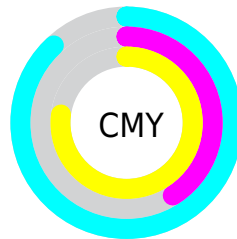
- Red (12%)
- Green (59%)
- Blue (23%)



- Red (12%)
- Yellow (50%)
- Blue (59%)



- Cyan (80%)
- Magenta (0%)
- Yellow (61%)
- Black (41%)



- Cyan (88%)
- Magenta (41%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E963B 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 1E963B by changing the saturation by 10% instead.



1E963B



1E963B

FFFFFF



007B22



60CD6D



006206



7DEA87



004900



9AFFA2



003200



B7FFBE



001800



D4FFDA



000000



F2FFF7



1E963B



1E963B



0F9630



2D9646

009624

3C9652

4B965D

5A9669

699674

78967F

87968B

969696

A596A1

Harmonies

Analogous

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



738C00



1E963B



009B73

Triad

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



1E963B



008DF1



E34D5A

Complementary

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



1E963B



961E79

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.



DE4991



1E963B



6779E9

Square

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



1E963B



0098DA



B85FC5



CE6428

Rectangle

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



1E963B



009C9A



B85FC5



E5496C

Sweetspot

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



1E963B



93C29F



7A961E



45614C



E0E0E0



616161

Same Dimension

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



1E963B



08C235



1E9676



434A44



008A21



000A02

Inverse Universe

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



961E79



C20895



961E3E



4A4348



8A0068



0A0008

Previews

White Background



This preview shows how the Hex color 1E963B looks on a white background.

Color Contrast Check

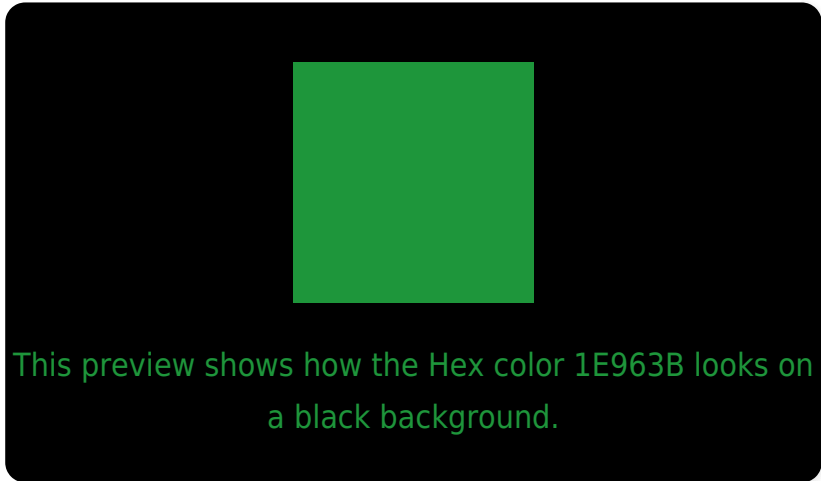
Large Text (above 18pt) WCAG AA ✓ Pass

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

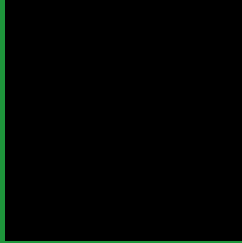
Any Text WCAG AA ✓ Pass

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 1E963B Background



This preview shows how black text looks on a background with the Hex color 1E963B.



This preview shows how white text looks on a background with the Hex color 1E963B.

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
1E963B

Protanopia
908235

Deuteranopia
9F7B43



Tritanopia
418D98

Trichromacy



Original Color
1E963B



Protanomaly
678937



Deuteranomaly
708540



Tritanomaly
349076

Monochromacy



Original Color
1E963B



Achromatopsia
686868



Achromatomaly
4D7958

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E963B 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 #1E963B looks like.

```
.text, #text, p{  
    color:#1E963B  
}
```

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 #1E963B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E963B
}
```

Border

The CSS property to change the border of an element to Hex 1E963B 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
#1E963B }
```

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

```
.border{ border-color:#1E963B }
```

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

Here you see how a box with a 4 pixel #1E963B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E963B; -webkit-box-shadow:4px 4px  
4px 4px #1E963B; box-shadow:4px 4px 4px  
4px #1E963B }
```

Background

The CSS property to change the background color of an element to Hex 1E963B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E963B }
```

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

```
.background{ background-color:#1E963B }
```

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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