

# Converting Colors

Hex(1E693B)

Have a look what the booklet for  
Hex(1E693B) contains.

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# Color

**Hex(1E693B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E693B
RGB	30, 105, 59
RGB Percent	12%, 41%, 23%
CMY	0.8824, 0.5882, 0.7686
CMYK	0.71, 0.00, 0.44, 0.59
HSL	143°, 56%, 26%
HSV	143°, 71%, 41%
XYZ	6.3764, 10.6949, 5.8659
YIQ	77.3310, -29.9340, -30.2060

# Conversions

## Conversions Part 2

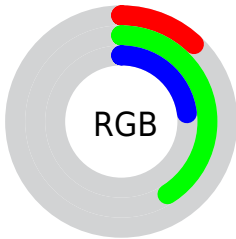
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 84, 105
Decimal	1993019
CIE <sub>Lab</sub>	39.06, -34.17, 19.40
CIE <sub>LCh</sub>	39, 39.292, 150.417
Yxy	10.6949, 0.2780, 0.4663
Android (android.graphics.Color)	4280183099 (0xFF1E693B)
YUV	77.3310, -9.0372, -41.5093
Hunter-Lab	32.7031, -22.4267, 12.2574

# Details

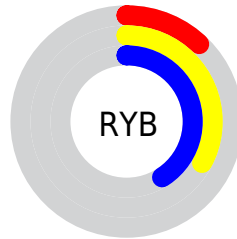
The Hex color **1E693B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **691E4C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **559D6B**, and **003910** is the 20% darker color. If you saturate the color by 10%, you get **146935**, and if you desaturate by 10%, it is **296941**.

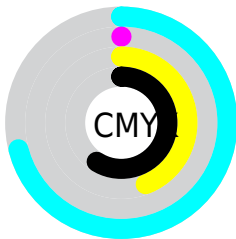
# Distribution



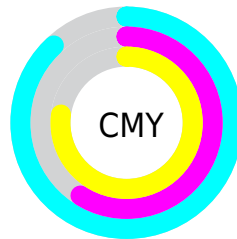
- Red (12%)
- Green (41%)
- Blue (23%)



- Red (12%)
- Yellow (33%)
- Blue (41%)



- Cyan (71%)
- Magenta (0%)
- Yellow (44%)
- Black (59%)



- Cyan (88%)
- Magenta (59%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E693B 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 1E693B by changing the saturation by 10% instead.





1E693B



1E693B

FFFFFF



005025



559D6B



003910



6FB884



002400



8AD49E



000000



A6F1BA



C2FFD5



DEFFF2



FBFFFF



1E693B



1E693B

■ 146935

■ 296941

■ 09692E

■ 336948

■ 006929

■ 3E694E

■ 486955

■ 53695B

■ 5D6962

■ 686968

■ 72696F

■ 7D6975

# Harmonies

## Analogous

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



4D6421



1E693B



006B5B

# Triad

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



1E693B



075F9C



95433E

# Complementary

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



1E693B



691E4C

# 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.



953F5D



1E693B



5D5393

# Square

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



1E693B



006793



83467C



864F24

# Rectangle

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



1E693B



006B71



83467C



964048



# Sweetspot

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



1E693B



6D8A78



4C691E



34453A



C4C4C4



454545



# Same Dimension

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



1E693B



138A41



1E6960



303632



00752D



00F55F



# Inverse Universe

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



691E4C



8A135C



691E27



363033



750048



F50096



# Previews

## White Background



This preview shows how the Hex color 1E693B looks on a white background.

## Color Contrast Check

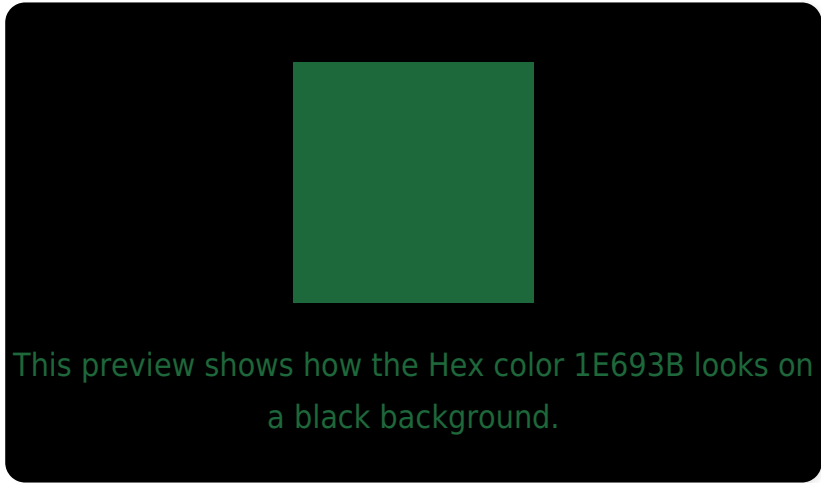
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

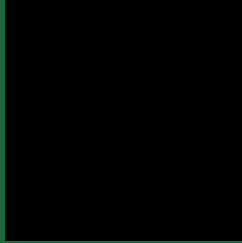
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1E693B Background



This preview shows how black text looks on a background with the Hex color 1E693B.



This preview shows how white text looks on a background with the Hex color 1E693B.

# 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**  
1E693B

**Protanopia**  
645C36

**Deuteranopia**  
6D583F



**Tritanopia**  
30636B

# Trichromacy



**Original Color**

1E693B



**Protanomaly**

4B6138



**Deuteranomaly**

505E3E



**Tritanomaly**

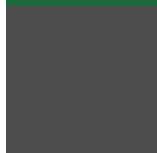
29655A

# Monochromacy



**Original Color**

1E693B



**Achromatopsia**

4D4D4D



**Achromatomaly**

3C5746

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E693B 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 #1E693B looks like.

```
.text, #text, p{  
    color:#1E693B  
}
```

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 #1E693B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E693B
}
```

## Border

The CSS property to change the border of an element to Hex 1E693B 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
#1E693B }
```

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

```
.border{ border-color:#1E693B }
```

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

Here you see how a box with a 4 pixel #1E693B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E693B; -webkit-box-shadow:4px 4px  
4px 4px #1E693B; box-shadow:4px 4px 4px  
4px #1E693B }
```

# Background

The CSS property to change the background color of an element to Hex 1E693B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E693B }
```

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

```
.background{ background-color:#1E693B }
```

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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