

Converting Colors

Hex(1E6B5B)

Have a look what the booklet for
Hex(1E6B5B) contains.

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Color

Hex(1E6B5B)

Conversions

Conversions Part 1

Format	Color
Hex	1E6B5B
RGB	30, 107, 91
RGB Percent	12%, 42%, 36%
CMY	0.8824, 0.5804, 0.6431
CMYK	0.72, 0.00, 0.15, 0.58
HSL	168°, 56%, 27%
HSV	168°, 72%, 42%
XYZ	7.6814, 11.5467, 11.7214
YIQ	82.1530, -40.7560, -21.3000

Conversions

Conversions Part 2

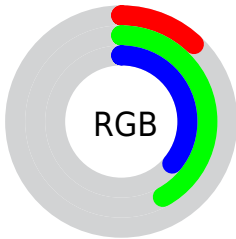
Format	Color
RYB	30, 73, 107
Decimal	1993563
CIELab	40.49, -27.30, 2.25
CIElCh	40, 27.394, 175.291
Yxy	11.5467, 0.2482, 0.3731
Android (android.graphics.Color)	4280183643 (0xFF1E6B5B)
YUV	82.1530, 4.3616, -45.7382
Hunter-Lab	33.9805, -19.1151, 3.3345

Details

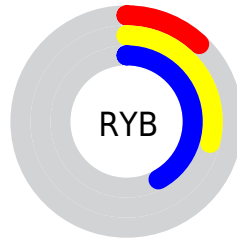
The Hex color **1E6B5B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B1E2E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **569F8D**, and **003B2D** is the 20% darker color. If you saturate the color by 10%, you get **136B59**, and if you desaturate by 10%, it is **296B5D**.

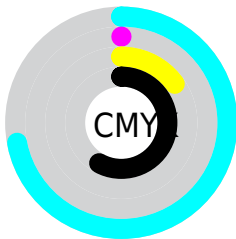
Distribution



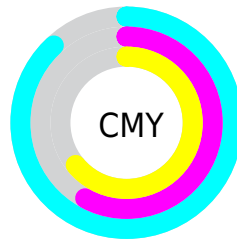
- Red (12%)
- Green (42%)
- Blue (36%)



- Red (12%)
- Yellow (29%)
- Blue (42%)



- Cyan (72%)
- Magenta (0%)
- Yellow (15%)
- Black (58%)



- Cyan (88%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6B5B 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 1E6B5B by changing the saturation by 10% instead.

 1E6B5B

 1E6B5B

FFFFFF

 005244

 569F8D

 003B2D

 71BAA7

 002519

 8CD6C3

 000300

 A7F2DF

 000000

 C4FFFB

 E0FFFF

FEFFFF

 1E6B5B

 1E6B5B

■ 136B59

■ 296B5D

■ 096B57

■ 336B5F

■ 006B55

■ 3E6B62

■ 496B64

■ 546B66

■ 5E6B68

■ 696B6B

■ 746B6D

■ 7E6B6F

Harmonies

Analogous

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



406945



1E6B5B



006B72

Triad

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



1E6B5B



5C5B88



82553B

Complementary

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



1E6B5B



6B1E2E

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.



8A4F4D



1E6B5B



785379

Square

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



1E6B5B



36638C



884E64



715D32

Rectangle

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



1E6B5B



00697F



884E64



865341

Sweetspot

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



1E6B5B



6D8C86



2F6B1E



354744



C7C7C7



474747

Same Dimension

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



1E6B5B



148C73



1E556B



303634



00755D



00F5C2

Inverse Universe

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



6B1E2E



8C142D



6B341E



363031



750018



F50033

Previews

White Background



This preview shows how the Hex color 1E6B5B 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

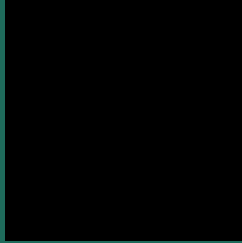
Any Text WCAG AA × Fail

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 1E6B5B Background



This preview shows how black text looks on a background with the Hex color 1E6B5B.

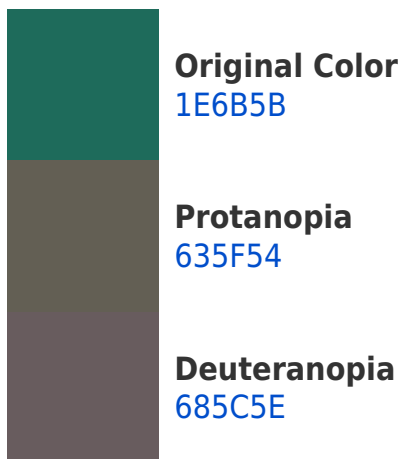


This preview shows how white text looks on a background with the Hex color 1E6B5B.

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](#).

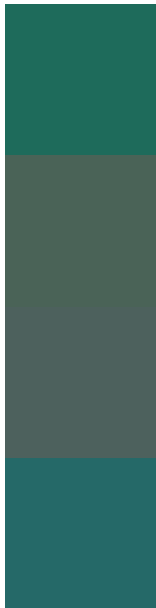
Dichromacy





Tritanopia
296870

Trichromacy



Original Color
1E6B5B

Protanomaly
4A6357

Deuteranomaly
4D615D

Tritanomaly
256968

Monochromacy



Original Color
1E6B5B

Achromatopsia
525252

Achromatomaly
3F5B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6B5B 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 #1E6B5B looks like.

```
.text, #text, p{  
    color:#1E6B5B  
}
```

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 #1E6B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6B5B
}
```

Border

The CSS property to change the border of an element to Hex 1E6B5B 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
#1E6B5B }
```

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

```
.border{ border-color:#1E6B5B }
```

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

Here you see how a box with a 4 pixel #1E6B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6B5B; -webkit-box-shadow:4px 4px  
4px 4px #1E6B5B; box-shadow:4px 4px 4px  
4px #1E6B5B }
```

Background

The CSS property to change the background color of an element to Hex 1E6B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6B5B }
```

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

```
.background{ background-color:#1E6B5B }
```

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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