

Converting Colors

Hex(1E644E)

Have a look what the booklet for
Hex(1E644E) contains.

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Color

Hex(1E644E)

Conversions

Conversions Part 1

Format	Color
Hex	1E644E
RGB	30, 100, 78
RGB Percent	12%, 39%, 31%
CMY	0.8824, 0.6078, 0.6941
CMYK	0.70, 0.00, 0.22, 0.61
HSL	161°, 54%, 25%
HSV	161°, 70%, 39%
XYZ	6.4677, 9.9404, 8.7855
YIQ	76.5620, -34.6580, -21.6820

Conversions

Conversions Part 2

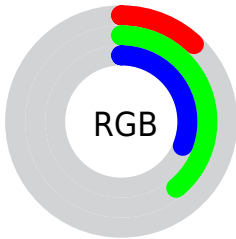
Format	Color
RYB	30, 72, 100
Decimal	1991758
CIELab	37.74, -27.49, 6.22
CIElCh	38, 28.183, 167.243
Yxy	9.9404, 0.2567, 0.3946
Android (android.graphics.Color)	4280181838 (0xFF1E644E)
YUV	76.5620, 0.7089, -40.8349
Hunter-Lab	31.5284, -18.5573, 5.5485




Details

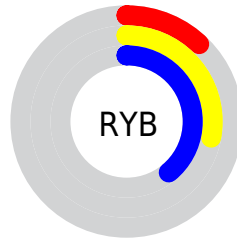
The Hex color **1E644E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **641E34**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **54977F**, and **003422** is the 20% darker color. If you saturate the color by 10%, you get **14644B**, and if you desaturate by 10%, it is **286451**.

Distribution







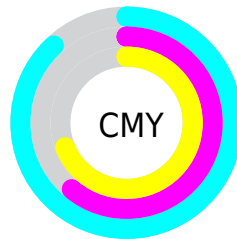
-  Red (12%)
-  Green (39%)
-  Blue (31%)






-  Red (12%)
-  Yellow (28%)
-  Blue (39%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (22%)
-  Black (61%)



-  Cyan (88%)
-  Magenta (61%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E644E 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 1E644E by changing the saturation by 10% instead.



1E644E



1E644E

FFFFFF



004C37



54977F



003422



6EB299



00210C



89CEB4



000000



A4EACF



C0FFE8



DDFFFF



FAFFFF



1E644E



1E644E

■ 14644B

■ 286451

■ 0A6448

■ 326454

■ 006445

■ 3C6457

■ 46645B

■ 50645E

■ 5A6461

■ 646464

■ 6E6467

■ 78646A

Harmonies

Analogous

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



406139



1E644E



006566

Triad

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



1E644E



4C5784



7E4C38

Complementary

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



1E644E



641E34

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.



84474C



1E644E



6B4E78

Square

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



1E644E



1C5E85



7E4764



6F542C

Rectangle

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



1E644E



006474



7E4764



824A3E

Sweetspot

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



1E644E



678279



34641E



32423D



C2C2C2



424242

Same Dimension

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



1E644E



158260



1E5764



2E3331



00734F



00F2A6

Inverse Universe

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



641E34



821537



642B1E



332E30



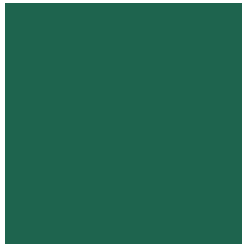
730024



F2004C

Previews

White Background



This preview shows how the Hex color 1E644E looks on a white background.

Color Contrast Check

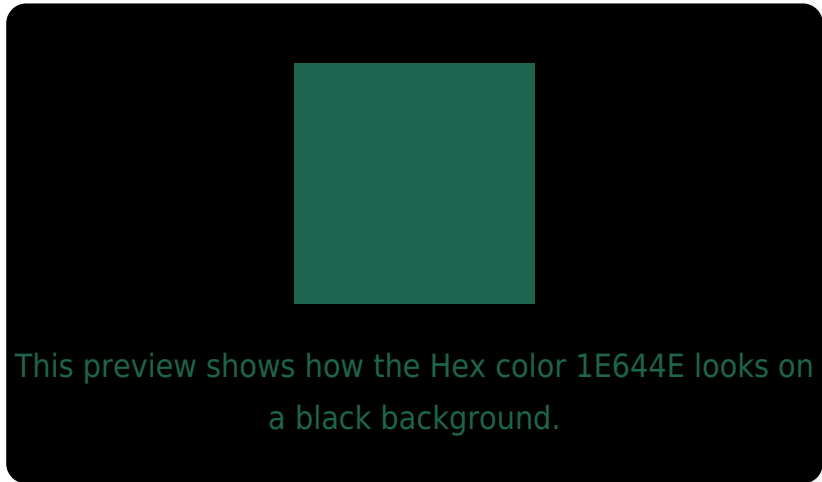
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

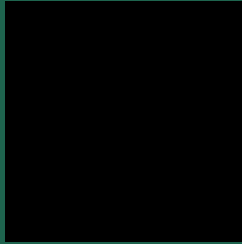
Any Text WCAG AA × Fail

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 1E644E Background



This preview shows how black text looks on a background with the Hex color 1E644E.



This preview shows how white text looks on a background with the Hex color 1E644E.

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
1E644E

Protanopia
5E5848

Deuteranopia
645551



Tritanopia
2A6068

Trichromacy



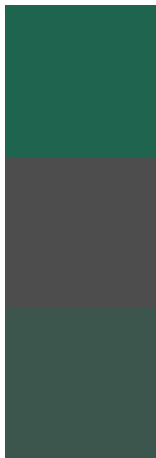
Original Color
1E644E

Protanomaly
475C4A

Deuteranomaly
4B5A50

Tritanomaly
26615F

Monochromacy



Original Color
1E644E

Achromatopsia
4D4D4D

Achromatomaly
3C554D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E644E 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 #1E644E looks like.

```
.text, #text, p{  
    color:#1E644E  
}
```

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 #1E644E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E644E
}
```

Border

The CSS property to change the border of an element to Hex 1E644E 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
#1E644E }
```

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

```
.border{ border-color:#1E644E }
```

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

Here you see how a box with a 4 pixel #1E644E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E644E; -webkit-box-shadow:4px 4px  
4px 4px #1E644E; box-shadow:4px 4px 4px  
4px #1E644E }
```

Background

The CSS property to change the background color of an element to Hex 1E644E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E644E }
```

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

```
.background{ background-color:#1E644E }
```

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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