

# Converting Colors

Hex(1E594E)

Have a look what the booklet for  
Hex(1E594E) contains.

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# Color

**Hex(1E594E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E594E
RGB	30, 89, 78
RGB Percent	12%, 35%, 31%
CMY	0.8824, 0.6510, 0.6941
CMYK	0.66, 0.00, 0.12, 0.65
HSL	169°, 50%, 23%
HSV	169°, 66%, 35%
XYZ	5.4829, 7.9708, 8.4573
YIQ	70.1050, -31.6330, -15.9290

# Conversions

## Conversions Part 2

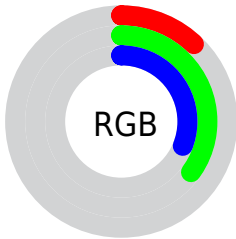
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 63, 89
Decimal	1988942
CIE <sub>Lab</sub>	33.92, -21.99, 0.74
CIE <sub>LCh</sub>	34, 21.999, 178.075
Yxy	7.9708, 0.2502, 0.3638
Android (android.graphics.Color)	4280179022 (0xFF1E594E)
YUV	70.1050, 3.8922, -35.1721
Hunter-Lab	28.2327, -14.7414, 2.0022

# Details

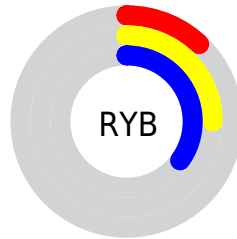
The Hex color **1E594E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **591E29**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **528B7F**, and **002B22** is the 20% darker color. If you saturate the color by 10%, you get **15594C**, and if you desaturate by 10%, it is **275950**.

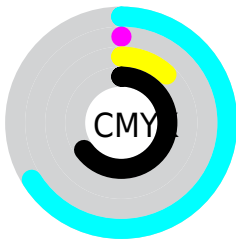
# Distribution



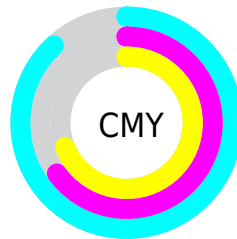
- Red (12%)
- Green (35%)
- Blue (31%)



- Red (12%)
- Yellow (25%)
- Blue (35%)



- Cyan (66%)
- Magenta (0%)
- Yellow (12%)
- Black (65%)



- Cyan (88%)
- Magenta (65%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E594E 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 1E594E by changing the saturation by 10% instead.





1E594E



1E594E

FFFFFF



004137



528B7F



002B22



6CA699



00170C



86C1B4



000000



A1DDCF



BDFAE8



D9FFFF



F6FFFF



1E594E



1E594E

■ 15594C

■ 275950

■ 0C594B

■ 305951

■ 035949

■ 395953

■ 005948

■ 425955

■ 4B5956

■ 535958

■ 5C595A

■ 65595B

■ 6E595D

# Harmonies

## Analogous

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



36573D



1E594E



055960

# Triad

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



1E594E



504C6F



6A4833

# Complementary

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



1E594E



591E29

# 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.



714340



1E594E



654662

# Square

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



1E594E



345272



704252



5C4E2D

# Rectangle

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



1E594E



0A5769



704252



6D4637



# Sweetspot

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



1E594E



5C736E



2A591E



2D3B38



BABABA



3B3B3B



# Same Dimension

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



1E594E



177362



1E4759



272B2B



006B57



00EBBF



# Inverse Universe

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



591E29



731728



59301E



2B2728



6B0014

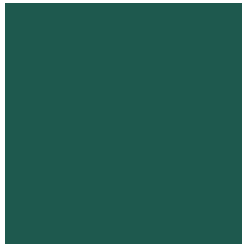


EB002C



# Previews

## White Background



This preview shows how the Hex color 1E594E looks on a white background.

## Color Contrast Check

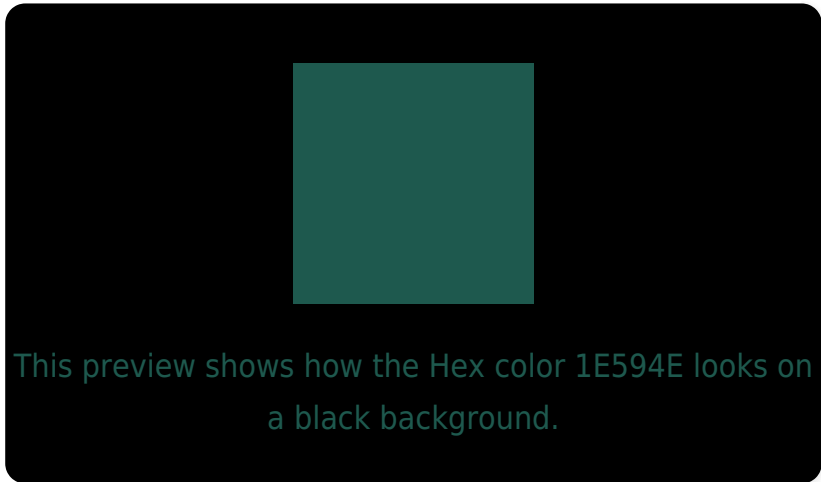
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E594E Background



This preview shows how black text looks on a background with the Hex color 1E594E.



This preview shows how white text looks on a background with the Hex color 1E594E.

# 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



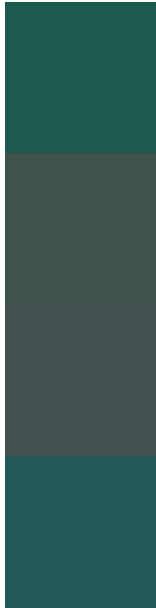
**Original Color**  
1E594E

**Protanopia**  
534F49

**Deuteranopia**  
574D51



# Trichromacy



**Original Color**  
1E594E

**Protanomaly**  
40534B

**Deuteranomaly**  
425150

**Tritanomaly**  
225858

# Monochromacy



**Original Color**  
1E594E

**Achromatopsia**  
464646

**Achromatomaly**  
374D49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E594E 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 #1E594E looks like.

```
.text, #text, p{  
    color:#1E594E  
}
```

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 #1E594E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E594E
}
```

## Border

The CSS property to change the border of an element to Hex 1E594E 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
#1E594E }
```

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

```
.border{ border-color:#1E594E }
```

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

Here you see how a box with a 4 pixel #1E594E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E594E; -webkit-box-shadow:4px 4px  
4px 4px #1E594E; box-shadow:4px 4px 4px  
4px #1E594E }
```

# Background

The CSS property to change the background color of an element to Hex 1E594E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E594E }
```

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

```
.background{ background-color:#1E594E }
```

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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