

Converting Colors

Hex(1E794A)

Have a look what the booklet for
Hex(1E794A) contains.

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Color

Hex(1E794A)

Conversions

Conversions Part 1

Format	Color
Hex	1E794A
RGB	30, 121, 74
RGB Percent	12%, 47%, 29%
CMY	0.8824, 0.5255, 0.7098
CMYK	0.75, 0.00, 0.39, 0.53
HSL	149°, 60%, 30%
HSV	149°, 75%, 47%
XYZ	8.6088, 14.4452, 8.8130
YIQ	88.4330, -39.1490, -33.9090

Conversions

Conversions Part 2

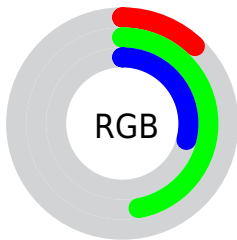
Format	Color
RYB	30, 91, 121
Decimal	1997130
CIELab	44.86, -37.80, 18.43
CIELCh	45, 42.053, 154.015
Yxy	14.4452, 0.2701, 0.4533
Android (android.graphics.Color)	4280187210 (0xFF1E794A)
YUV	88.4330, -7.1155, -51.2457
Hunter-Lab	38.0068, -26.0803, 12.8566

Details

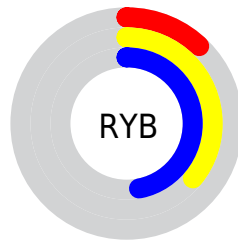
The Hex color **1E794A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **791E4D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **58AE7B**, and **00471D** is the 20% darker color. If you saturate the color by 10%, you get **127944**, and if you desaturate by 10%, it is **2A7950**.

Distribution



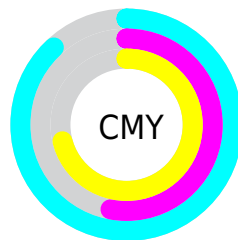
- Red (12%)
- Green (47%)
- Blue (29%)



- Red (12%)
- Yellow (36%)
- Blue (47%)



- Cyan (75%)
- Magenta (0%)
- Yellow (39%)
- Black (53%)



- Cyan (88%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E794A 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 1E794A by changing the saturation by 10% instead.

 1E794A

 1E794A

FFFFFF

 006033

 58AE7B

 00471D

 74CA95

 003006

 8FE6B0

 001A00

 ABFFCB

 000000

 C8FFE8

 E5FFFF

 1E794A

 1E794A

 127944

 2A7950

06793E

367956

00793B

42795D

4E7963

5A7969

67796F

737976

7F797C

8B7982

Harmonies

Analogous

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



55732D



1E794A



007B6E

Triad

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



1E794A



2A6CB0



A75045

Complementary

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



1E794A



791E4D

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.



AA4A67



1E794A



725FA4

Square

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



1E794A



0076A9



995189



965D2A

Rectangle

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



1E794A



007B86



995189



AA4D50

Sweetspot

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



1E794A



7A9E8B



4D791E



394F44



CFCFCF



4F4F4F

Same Dimension

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



1E794A



109E55



1E7977



373D3A



007D3C



00FC7A

Inverse Universe

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



791E4D



9E1059



791E20



3D373A



7D0041



FC0082

Previews

White Background



This preview shows how the Hex color 1E794A looks on a white background.

Color Contrast Check

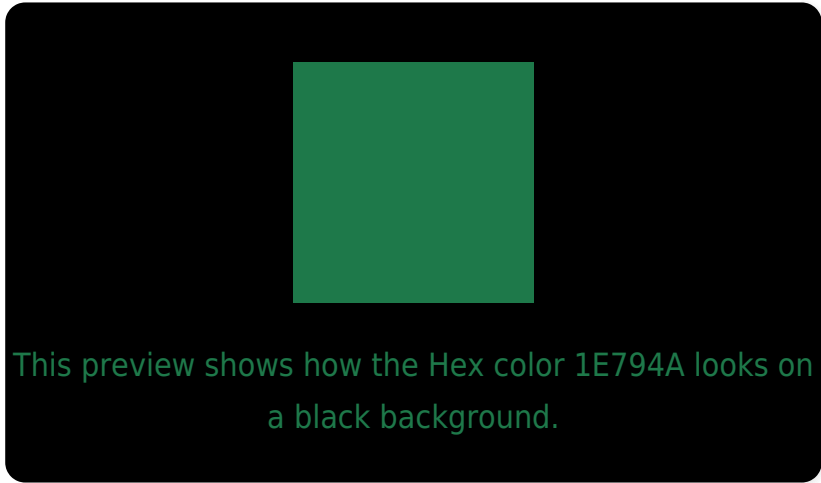
Large Text (above 18pt) WCAG AA ✓ Pass

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

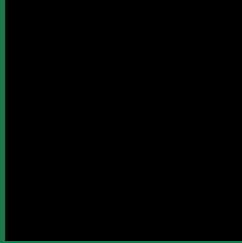
Any Text WCAG AA × Fail

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 1E794A Background



This preview shows how black text looks on a background with the Hex color 1E794A.



This preview shows how white text looks on a background with the Hex color 1E794A.

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
1E794A

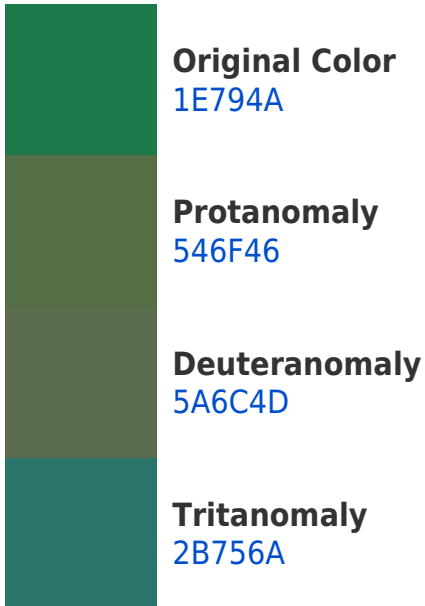
Protanopia
736A44

Deuteranopia
7D654F



Tritanopia
33737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E794A 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 #1E794A looks like.

```
.text, #text, p{  
    color:#1E794A  
}
```

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 #1E794A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E794A
}
```

Border

The CSS property to change the border of an element to Hex 1E794A 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
#1E794A }
```

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

```
.border{ border-color:#1E794A }
```

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

Here you see how a box with a 4 pixel #1E794A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E794A; -webkit-box-shadow:4px 4px  
4px 4px #1E794A; box-shadow:4px 4px 4px  
4px #1E794A }
```

Background

The CSS property to change the background color of an element to Hex 1E794A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E794A }
```

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

```
.background{ background-color:#1E794A }
```

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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