

Converting Colors

Hex(1A744D)

Have a look what the booklet for
Hex(1A744D) contains.

Hex(1A744D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A744D)

Conversions

Conversions Part 1

Format	Color
Hex	1A744D
RGB	26, 116, 77
RGB Percent	10%, 45%, 30%
CMY	0.8980, 0.5451, 0.6980
CMYK	0.78, 0.00, 0.34, 0.55
HSL	154°, 63%, 28%
HSV	154°, 78%, 45%
XYZ	8.0109, 13.2462, 9.1557
YIQ	84.6440, -41.1210, -31.2090

Conversions

Conversions Part 2

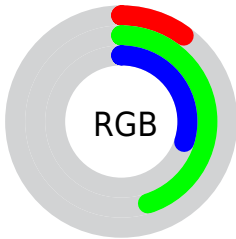
Format	Color
RYB	26, 83, 116
Decimal	1733709
CIELab	43.13, -35.66, 14.33
CIELCh	43, 38.428, 158.104
Yxy	13.2462, 0.2634, 0.4355
Android (android.graphics.Color)	4279923789 (0xFF1A744D)
YUV	84.6440, -3.7685, -51.4308
Hunter-Lab	36.3954, -24.4024, 10.5616

Details

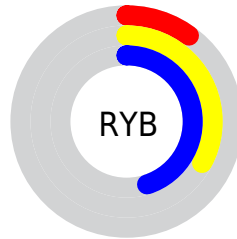
The Hex color **1A744D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **741A41**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **55A97E**, and **004320** is the 20% darker color. If you saturate the color by 10%, you get **0E7448**, and if you desaturate by 10%, it is **267452**.

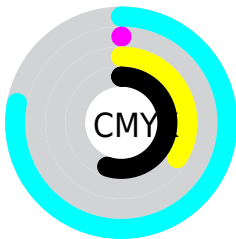
Distribution



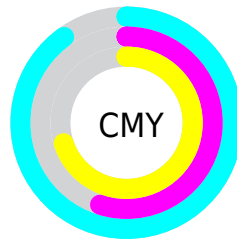
- Red (10%)
- Green (45%)
- Blue (30%)



- Red (10%)
- Yellow (33%)
- Blue (45%)



- Cyan (78%)
- Magenta (0%)
- Yellow (34%)
- Black (55%)



- Cyan (90%)
- Magenta (55%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A744D 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 1A744D by changing the saturation by 10% instead.

 1A744D

 1A744D

FFFFFF

 005B36

 55A97E

 004320

 70C498

 002C0B

 8BE1B3

 001300

 A7FDCE

 000000

 C4FFEB

 E1FFFF

FEFFFF

 1A744D

 1A744D

■ 0E7448

■ 267452

■ 037443

■ 317457

■ 007442

■ 3D745C

■ 487461

■ 547466

■ 60746B

■ 6B7470

■ 777475

■ 82747A

Harmonies

Analogous

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



4E6F31



1A744D



00766E

Triad

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



1A744D



3C66A5



9D5040

Complementary

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



1A744D



741A41

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.



A14A5E



1A744D



735A98

Square

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



1A744D



0070A0



944E7E



8B5C2A

Rectangle

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



1A744D



007583



944E7E



A04D4A

Sweetspot

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



1A744D



749687



41741A



374D43



CCCCCC



4D4D4D

Same Dimension

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



1A744D



0B965A



1A6E74



353B38



007A45



00FA8E

Inverse Universe

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



741A41



960B47



74201A



3B3537



7A0035



FA006C

Previews

White Background



This preview shows how the Hex color 1A744D looks on a white background.

Color Contrast Check

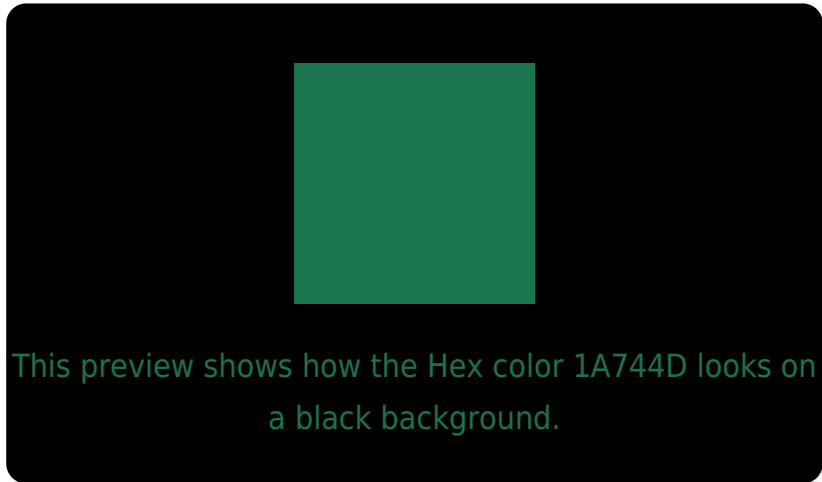
Large Text (above 18pt) WCAG AA ✓ Pass

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

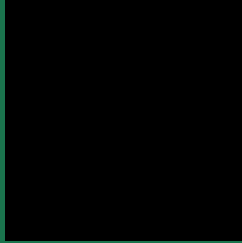
Any Text WCAG AA × Fail

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 1A744D Background



This preview shows how black text looks on a background with the Hex color 1A744D.



This preview shows how white text looks on a background with the Hex color 1A744D.

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
1A744D

Protanopia
6D6547

Deuteranopia
766151



Tritanopia
2F6F78

Trichromacy



Original Color
1A744D



Protanomaly
4F6A49



Deuteranomaly
556850



Tritanomaly
277168

Monochromacy



Original Color
1A744D



Achromatopsia
555555



Achromatomaly
406052

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A744D 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 #1A744D looks like.

```
.text, #text, p{  
    color:#1A744D  
}
```

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 #1A744D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A744D
}
```

Border

The CSS property to change the border of an element to Hex 1A744D 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
#1A744D }
```

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

```
.border{ border-color:#1A744D }
```

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

Here you see how a box with a 4 pixel #1A744D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A744D; -webkit-box-shadow:4px 4px  
4px 4px #1A744D; box-shadow:4px 4px 4px  
4px #1A744D }
```

Background

The CSS property to change the background color of an element to Hex 1A744D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A744D }
```

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

```
.background{ background-color:#1A744D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor