

Converting Colors

Hex(1A744B)

Have a look what the booklet for
Hex(1A744B) contains.

Hex(1A744B)	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(1A744B)

Conversions

Conversions Part 1

Format	Color
Hex	1A744B
RGB	26, 116, 75
RGB Percent	10%, 45%, 29%
CMY	0.8980, 0.5451, 0.7059
CMYK	0.78, 0.00, 0.35, 0.55
HSL	153°, 63%, 28%
HSV	153°, 78%, 45%
XYZ	7.9414, 13.2184, 8.7895
YIQ	84.4160, -40.4790, -31.8310

Conversions

Conversions Part 2

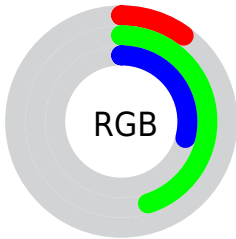
Format	Color
R_{YB}	26, 84, 116
Decimal	1733707
CIE _{Lab}	43.09, -36.11, 15.44
CIE _{LCh}	43, 39.278, 156.847
Yxy	13.2184, 0.2652, 0.4414
Android (android.graphics.Color)	4279923787 (0xFF1A744B)
YUV	84.4160, -4.6421, -51.2308
Hunter-Lab	36.3571, -24.6356, 11.1164

Details

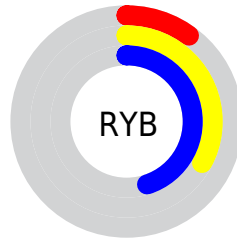
The Hex color **1A744B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **741A43**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **55A97C**, and **00431F** is the 20% darker color. If you saturate the color by 10%, you get **0E7446**, and if you desaturate by 10%, it is **267450**.

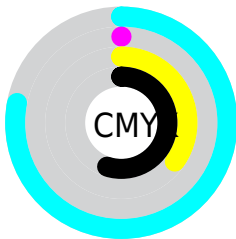
Distribution



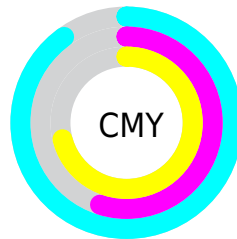
- Red (10%)
- Green (45%)
- Blue (29%)



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



- Cyan (78%)
- Magenta (0%)
- Yellow (35%)
- Black (55%)



- Cyan (90%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A744B 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 1A744B by changing the saturation by 10% instead.



1A744B



1A744B

FFFFFF



005B34



55A97C



00431F



70C496



002C08



8BE1B1



001300



A7FDCC



000000



C4FFE8



E1FFFF



FEFFFF



1A744B



1A744B

■ 0E7446

■ 267450

■ 037440

■ 317456

■ 00743F

■ 3D745B

■ 487460

■ 547465

■ 60746B

■ 6B7470

■ 777475

■ 82747B

Harmonies

Analogous

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



4F6F2F



1A744B



00766C

Triad

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



1A744B



3667A6



9E4F41

Complementary

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



1A744B



741A43

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.



A14960



1A744B



725A9A

Square

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



1A744B



0070A1



934E80



8C5B29

Rectangle

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



1A744B



007682



934E80



A14C4A

Sweetspot

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



1A744B



749687



44741A



374D43



CCCCCC



4D4D4D

Same Dimension

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



1A744B



0B9657



1A7174



353B38



007A43



00FA88

Inverse Universe

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



741A43



960B4A



741D1A



3B3537



7A0038



FA0072

Previews

White Background



This preview shows how the Hex color 1A744B looks on a white background.

Color Contrast Check

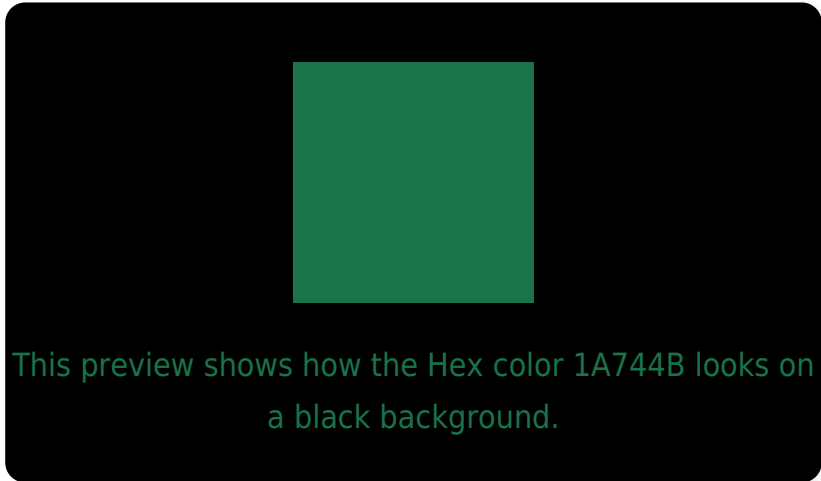
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A744B Background



This preview shows how black text looks on a background with the Hex color 1A744B.



This preview shows how white text looks on a background with the Hex color 1A744B.

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
1A744B

Protanopia
6E6545

Deuteranopia
76614F



Tritanopia
2F6F78

Trichromacy



Original Color
1A744B



Protanomaly
4F6A47



Deuteranomaly
55684E



Tritanomaly
277168

Monochromacy



Original Color
1A744B



Achromatopsia
545454



Achromatomaly
3F6051

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A744B 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 #1A744B looks like.

```
.text, #text, p{  
    color:#1A744B  
}
```

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 #1A744B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A744B
}
```

Border

The CSS property to change the border of an element to Hex 1A744B 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
#1A744B }
```

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

```
.border{ border-color:#1A744B }
```

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

Here you see how a box with a 4 pixel #1A744B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A744B; -webkit-box-shadow:4px 4px  
4px 4px #1A744B; box-shadow:4px 4px 4px  
4px #1A744B }
```

Background

The CSS property to change the background color of an element to Hex 1A744B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A744B }
```

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

```
.background{ background-color:#1A744B }
```

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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