

Converting Colors

Hex(1A6F4E)

Have a look what the booklet for
Hex(1A6F4E) contains.

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Color

Hex(1A6F4E)

Conversions

Conversions Part 1

Format	Color
Hex	1A6F4E
RGB	26, 111, 78
RGB Percent	10%, 44%, 31%
CMY	0.8980, 0.5647, 0.6941
CMYK	0.77, 0.00, 0.30, 0.56
HSL	157°, 62%, 27%
HSV	157°, 77%, 44%
XYZ	7.4856, 12.1385, 9.1562
YIQ	81.8230, -40.0670, -28.2830

Conversions

Conversions Part 2

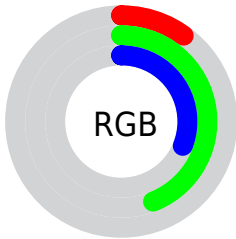
Format	Color
RYB	26, 79, 111
Decimal	1732430
CIELab	41.44, -33.25, 11.40
CIELCh	41, 35.147, 161.066
Yxy	12.1385, 0.2601, 0.4218
Android (android.graphics.Color)	4279922510 (0xFF1A6F4E)
YUV	81.8230, -1.8847, -48.9568
Hunter-Lab	34.8404, -22.6194, 8.8067

Details

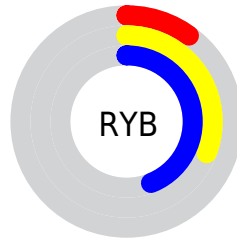
The Hex color **1A6F4E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F1A3B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **54A37F**, and **003E22** is the 20% darker color. If you saturate the color by 10%, you get **0F6F4A**, and if you desaturate by 10%, it is **256F52**.

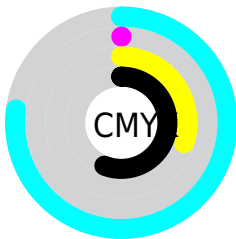
Distribution



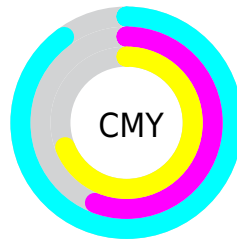
- Red (10%)
- Green (44%)
- Blue (31%)



- Red (10%)
- Yellow (31%)
- Blue (44%)



- Cyan (77%)
- Magenta (0%)
- Yellow (30%)
- Black (56%)



- Cyan (90%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Hex color 1A6F4E 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 1A6F4E by changing the saturation by 10% instead.

 1A6F4E

 1A6F4E

FFFFFF

 005637

 54A37F

 003E22

 6FBF99

 00280C

 8ADBB4

 000A00

 A6F8CF

 000000

 C2FFEC

 DFFFFFF

 FFFFFFF

 1A6F4E

 1A6F4E

■ 0F6F4A

■ 256F52

■ 046F45

■ 306F57

■ 006F44

■ 3B6F5B

■ 466F5F

■ 526F64

■ 5D6F68

■ 686F6C

■ 736F70

■ 7E6F75

Harmonies

Analogous

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



496B34



1A6F4E



00706C

Triad

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



1A6F4E



44619A



934F3D

Complementary

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



1A6F4E



6F1A3B

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.



984958



1A6F4E



72568D

Square

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



1A6F4E



006A98



8D4C75



825A2A

Rectangle

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



1A6F4E



00707F



8D4C75



964C46

Sweetspot

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



1A6F4E



709184



3C6F1A



354A42



C9C9C9



4A4A4A

Same Dimension

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



1A6F4E



0C915D



1A666F



323836



007849



00F797

Inverse Universe

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



6F1A3B



910C40



6F221A



383235



78002F



F70060

Previews

White Background



This preview shows how the Hex color 1A6F4E looks on a white background.

Color Contrast Check

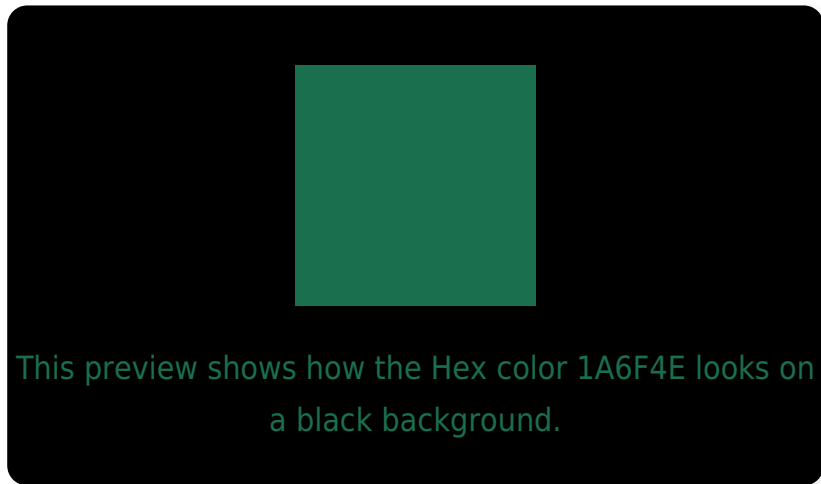
Large Text (above 18pt) WCAG AA ✓ Pass

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

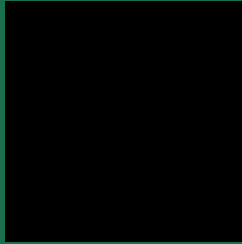
Any Text WCAG AA × Fail

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 1A6F4E Background



This preview shows how black text looks on a background with the Hex color 1A6F4E.



This preview shows how white text looks on a background with the Hex color 1A6F4E.

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
1A6F4E

Protanopia
686148

Deuteranopia
705E52



Tritanopia
2C6A73

Trichromacy



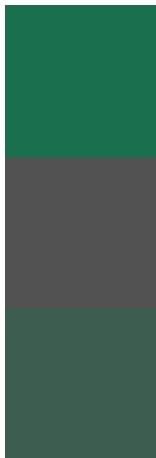
Original Color
1A6F4E

Protanomaly
4C664A

Deuteranomaly
516451

Tritanomaly
256C66

Monochromacy



Original Color
1A6F4E

Achromatopsia
525252

Achromatomaly
3E5D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A6F4E 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 #1A6F4E looks like.

```
.text, #text, p{  
    color:#1A6F4E  
}
```

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 #1A6F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A6F4E
}
```

Border

The CSS property to change the border of an element to Hex 1A6F4E 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
#1A6F4E }
```

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

```
.border{ border-color:#1A6F4E }
```

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

Here you see how a box with a 4 pixel #1A6F4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A6F4E; -webkit-box-shadow:4px 4px  
4px 4px #1A6F4E; box-shadow:4px 4px 4px  
4px #1A6F4E }
```

Background

The CSS property to change the background color of an element to Hex 1A6F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A6F4E }
```

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

```
.background{ background-color:#1A6F4E }
```

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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