

Converting Colors

Hex(1A7F3B)

Have a look what the booklet for
Hex(1A7F3B) contains.

| | |
|--|----|
| Hex(1A7F3B) | 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(1A7F3B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 1A7F3B |
| RGB | 26, 127, 59 |
| RGB Percent | 10%, 50%, 23% |
| CMY | 0.8980, 0.5020, 0.7686 |
| CMYK | 0.80, 0.00, 0.54, 0.50 |
| HSL | 140°, 66%, 30% |
| HSV | 140°, 80%, 50% |
| XYZ | 8.8048, 15.7141, 6.7067 |
| YIQ | 89.0490, -38.3680, -42.5600 |

Conversions

Conversions Part 2

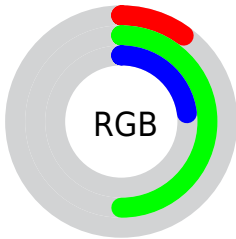
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 26, 102, 127 |
| Decimal | 1736507 |
| CIE _{Lab} | 46.60, -43.58, 28.94 |
| CIE _{LCh} | 47, 52.313, 146.412 |
| Yxy | 15.7141, 0.2820, 0.5032 |
| Android (android.graphics.Color) | 4279926587 (0xFF1A7F3B) |
| YUV | 89.0490, -14.8142, -55.2940 |
| Hunter-Lab | 39.6410, -29.7247, 17.7176 |

Details

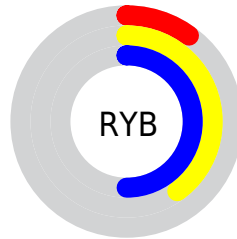
The Hex color **1A7F3B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7F1A5E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **58B56C**, and **004C0C** is the 20% darker color. If you saturate the color by 10%, you get **0D7F32**, and if you desaturate by 10%, it is **277F44**.

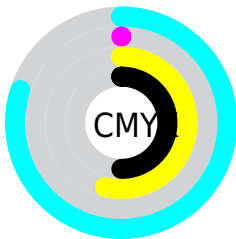
Distribution



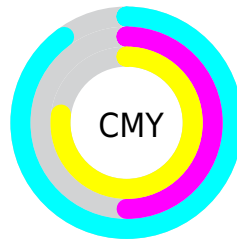
- Red (10%)
- Green (50%)
- Blue (23%)



- Red (10%)
- Yellow (40%)
- Blue (50%)



- Cyan (80%)
- Magenta (0%)
- Yellow (54%)
- Black (50%)



- Cyan (90%)
- Magenta (50%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7F3B 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 1A7F3B by changing the saturation by 10% instead.

 1A7F3B

 1A7F3B

FFFFFF

 006524

 58B56C

 004C0C

 74D186

 003500

 90EDA0

 001F00

 ACFFBB

 000000

 C9FFD7

 E6FFF4

 1A7F3B

 1A7F3B

 0D7F32

 277F44

■ 017F2A

■ 337F4C

■ 007F29

■ 407F55

■ 4D7F5D

■ 597F66

■ 667F6E

■ 737F77

■ 807F7F

■ 8C7F88

Harmonies

Analogous

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



5E7714



1A7F3B



008368

Triad

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



1A7F3B



0075C6



BB484A

Complementary

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



1A7F3B



7F1A5E

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.



B94376



1A7F3B



6465BE

Square

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



1A7F3B



007FB7



9E51A0



A95924

Rectangle

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



1A7F3B



008386



9E51A0



BD4458

Sweetspot

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



1A7F3B



7EA68B



5F7F1A



3C5444



D4D4D4



545454

Same Dimension

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



1A7F3B



08A63C



1A7F6C



39403B



00802A



000000

Inverse Universe

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



7F1A5E



A60872



7F1A2D



40393E



800056



000000

Previews

White Background



This preview shows how the Hex color 1A7F3B looks on a white background.

Color Contrast Check

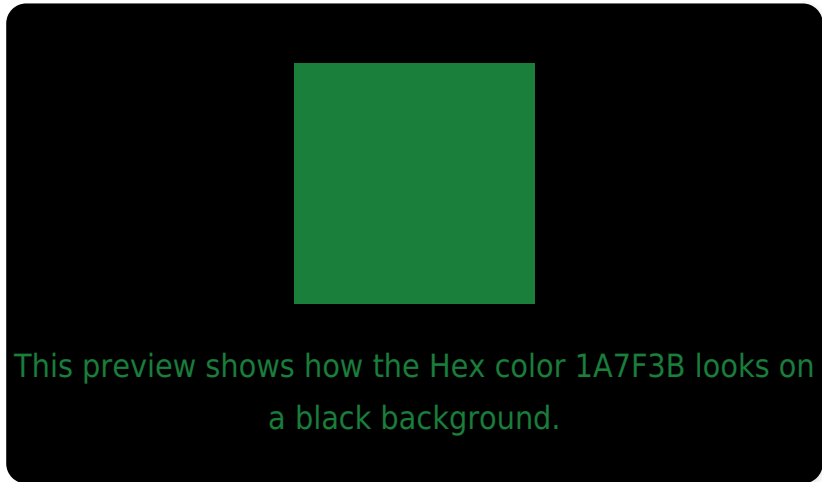
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A7F3B Background



This preview shows how black text looks on a background with the Hex color 1A7F3B.



This preview shows how white text looks on a background with the Hex color 1A7F3B.

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
1A7F3B

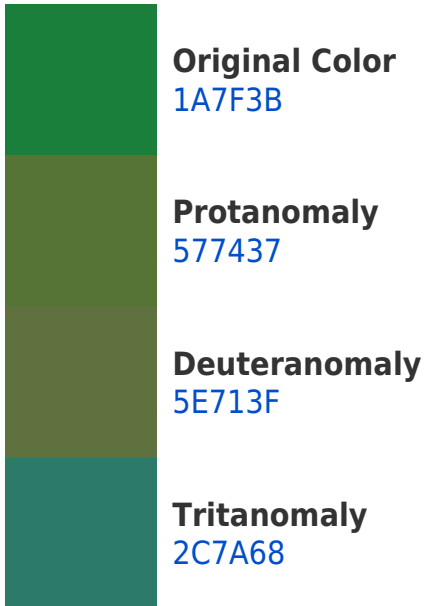
Protanopia
7A6E35

Deuteranopia
856941

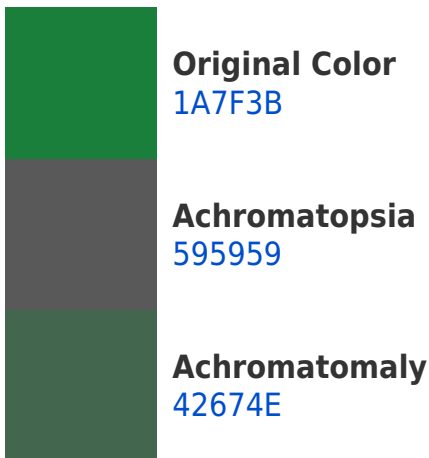


Tritanopia
367781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7F3B 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 #1A7F3B looks like.

```
.text, #text, p{  
    color:#1A7F3B  
}
```

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 #1A7F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7F3B
}
```

Border

The CSS property to change the border of an element to Hex 1A7F3B 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
#1A7F3B }
```

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

```
.border{ border-color:#1A7F3B }
```

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

Here you see how a box with a 4 pixel #1A7F3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7F3B; -webkit-box-shadow:4px 4px  
4px 4px #1A7F3B; box-shadow:4px 4px 4px  
4px #1A7F3B }
```

Background

The CSS property to change the background color of an element to Hex 1A7F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7F3B }
```

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

```
.background{ background-color:#1A7F3B }
```

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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