

Converting Colors

Hex(19AF26)

Have a look what the booklet for
Hex(19AF26) contains.

Hex(19AF26)	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(19AF26)

Conversions

Conversions Part 1

Format	Color
Hex	19AF26
RGB	25, 175, 38
RGB Percent	10%, 69%, 15%
CMY	0.9020, 0.3137, 0.8510
CMYK	0.86, 0.00, 0.78, 0.31
HSL	125°, 75%, 39%
HSV	125°, 86%, 69%
XYZ	16.0807, 31.0066, 6.9710
YIQ	114.5320, -45.4230, -74.4070

Conversions

Conversions Part 2

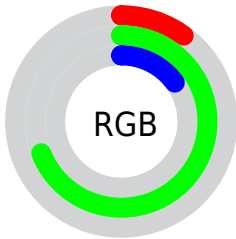
Format	Color
RYB	25, 163, 175
Decimal	1683238
CIELab	62.51, -61.88, 55.36
CIELCh	63, 83.026, 138.183
Yxy	31.0066, 0.2975, 0.5736
Android (android.graphics.Color)	4279873318 (0xFF19AF26)
YUV	114.5320, -37.7303, -78.5196
Hunter-Lab	55.6835, -45.8976, 31.5559

Details

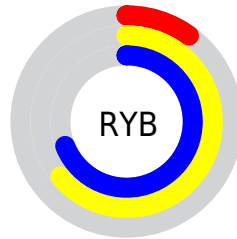
The Hex color **19AF26** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AF19A2**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **66E85E**, and **007900** is the 20% darker color. If you saturate the color by 10%, you get **07AF16**, and if you desaturate by 10%, it is **2AAF36**.

Distribution



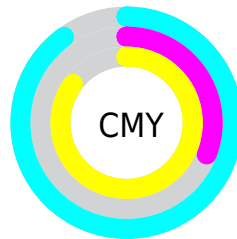
- Red (10%)
- Green (69%)
- Blue (15%)



- Red (10%)
- Yellow (64%)
- Blue (69%)



- Cyan (86%)
- Magenta (0%)
- Yellow (78%)
- Black (31%)



- Cyan (90%)
- Magenta (31%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19AF26 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 19AF26 by changing the saturation by 10% instead.

 19AF26

 19AF26

FFFFFF

 009400

 66E85E

 007900

 85FF79

 005F00

 A3FF94

 004500

 C1FFB0

 002E00

 DFFFCC

 001000

 FEFEE9

 000000

 19AF26

 19AF26

 07AF16

 2AAF36

■ 00AF0F

■ 3CAF46

■ 4DAF56

■ 5FAF66

■ 71AF76

■ 82AF86

■ 93AF96

■ A5AFA6

■ B6AFB6

Harmonies

Analogous

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



8CA100



19AF26



00B676

Triad

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



19AF26



00A9FF



FF416E

Complementary

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



19AF26



AF19A2

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.



FF44B8



19AF26



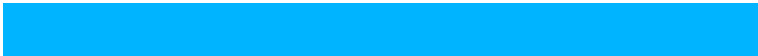
3E90FF

Square

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



19AF26



00B4FF



D06BFB



FF6626

Rectangle

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



19AF26



00B7AA



D06BFB



FF3B86

Sweetspot

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



19AF26



A8E3AD



A3AF19



4F7352



F2F2F2



737373

Same Dimension

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



19AF26



00E314



19AF71



4E574F



00960D



001702

Inverse Universe

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



AF19A2



E300CF



AF1957



574E56



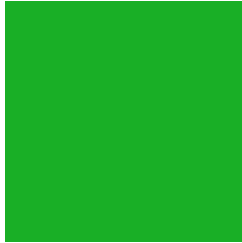
960089



170015

Previews

White Background



This preview shows how the Hex color 19AF26 looks on a white background.

Color Contrast Check

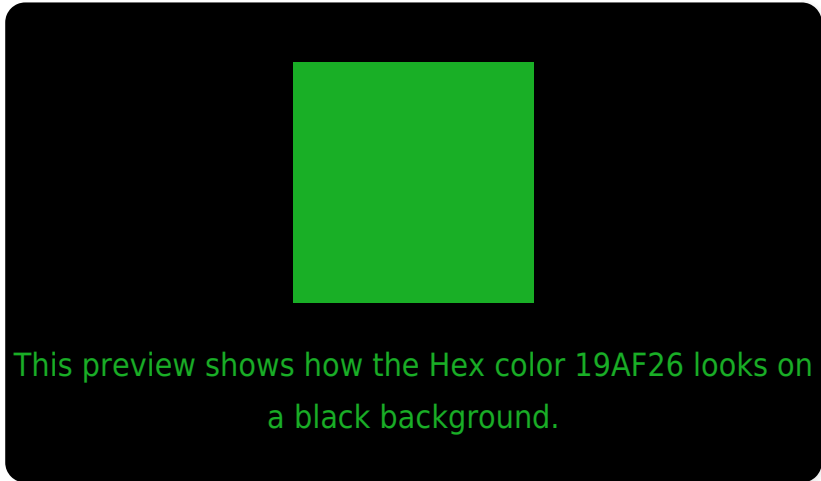
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 19AF26 Background



This preview shows how black text looks on a background with the Hex color 19AF26.

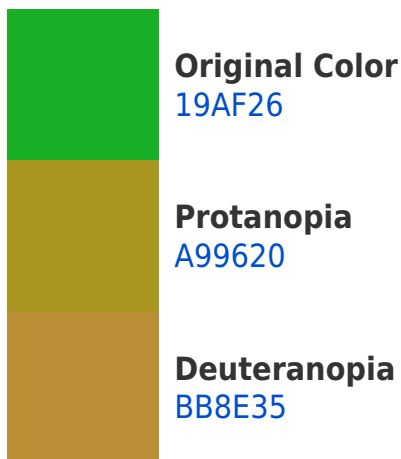


This preview shows how white text looks on a background with the Hex color 19AF26.

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





Tritanopia
4CA3B0

Trichromacy



Original Color
19AF26



Protanomaly
759F22



Deuteranomaly
809A30



Tritanomaly
39A77E

Monochromacy



Original Color
19AF26



Achromatopsia
737373



Achromatomaly
528957

CSS Examples

Text

The CSS property to change the color of the text to Hex 19AF26 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 #19AF26 looks like.

```
.text, #text, p{  
    color:#19AF26  
}
```

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 #19AF26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19AF26  
}
```

Border

The CSS property to change the border of an element to Hex 19AF26 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  
#19AF26 }
```

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

```
.border{ border-color:#19AF26 }
```

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

Here you see how a box with a 4 pixel #19AF26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19AF26; -webkit-box-shadow:4px 4px  
4px 4px #19AF26; box-shadow:4px 4px 4px  
4px #19AF26 }
```

Background

The CSS property to change the background color of an element to Hex 19AF26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19AF26 }
```

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

```
.background{ background-color:#19AF26 }
```

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