

Converting Colors

Hex(19A42D)

Have a look what the booklet for
Hex(19A42D) contains.

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Color

Hex(19A42D)

Conversions

Conversions Part 1

Format	Color
Hex	19A42D
RGB	25, 164, 45
RGB Percent	10%, 64%, 18%
CMY	0.9020, 0.3569, 0.8235
CMYK	0.85, 0.00, 0.73, 0.36
HSL	129°, 74%, 37%
HSV	129°, 85%, 64%
XYZ	14.1500, 26.9471, 6.9381
YIQ	108.8730, -44.6450, -66.4770

Conversions

Conversions Part 2

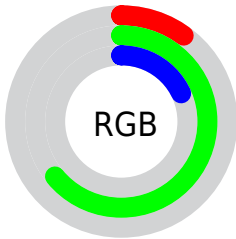
Format	Color
RYB	25, 147, 164
Decimal	1680429
CIELab	58.93, -57.96, 49.30
CIELCh	59, 76.086, 139.615
Yxy	26.9471, 0.2946, 0.5610
Android (android.graphics.Color)	4279870509 (0xFF19A42D)
YUV	108.8730, -31.4894, -73.5566
Hunter-Lab	51.9106, -42.1871, 28.4129

Details

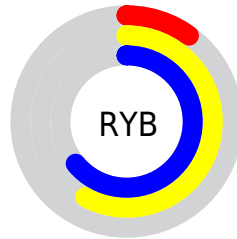
The Hex color **19A42D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A41990**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **63DC62**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **09A41F**, and if you desaturate by 10%, it is **29A43B**.

Distribution



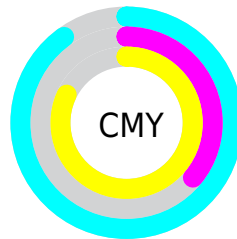
- Red (10%)
- Green (64%)
- Blue (18%)



- Red (10%)
- Yellow (58%)
- Blue (64%)



- Cyan (85%)
- Magenta (0%)
- Yellow (73%)
- Black (36%)



- Cyan (90%)
- Magenta (36%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19A42D 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 19A42D by changing the saturation by 10% instead.

 19A42D

 19A42D

FFFFFF

 00890E

 63DC62

 006F00

 81F97C

 005500

 9EFF97

 003C00

 BCFFB3

 002500

 DAFFCF

 000000

 F8FFEC

 19A42D

 19A42D

 09A41F

 29A43B

■ 00A418

■ 3AA449

■ 4AA457

■ 5BA465

■ 6BA473

■ 7BA481

■ 8CA48F

■ 9CA49D

■ ADA4AB

Harmonies

Analogous

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



819800



19A42D



00AA73

Triad

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



19A42D



009DFF



FF4565

Complementary

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



19A42D



A41990

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.



F844A8



19A42D



4F86FF

Square

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



19A42D



00A8F3



C665E5



EB6425

Rectangle

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



19A42D



00ABA2



C665E5



FF3F7B

Sweetspot

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



19A42D



A1D6A8



91A419



4B6B50



EBEBEB



6B6B6B

Same Dimension

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



19A42D



00D61F



19A471



49524B



009115



001203

Inverse Universe

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



A41990



D600B7



A4194C



524950



91007C



12000F

Previews

White Background



This preview shows how the Hex color 19A42D looks on a white background.

Color Contrast Check

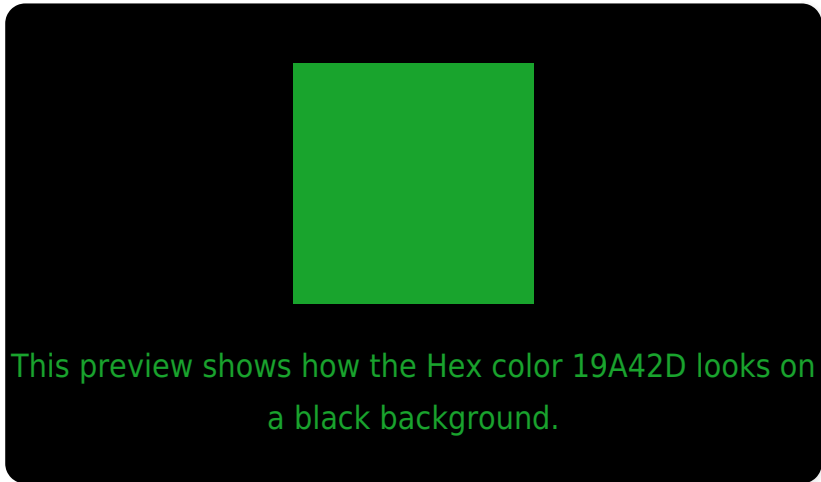
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 19A42D Background



This preview shows how black text looks on a background with the Hex color 19A42D.

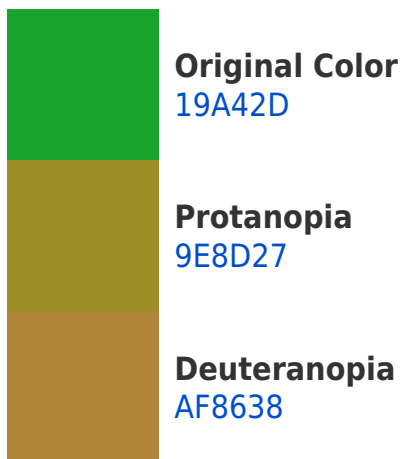


This preview shows how white text looks on a background with the Hex color 19A42D.

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
4799A5

Trichromacy



Original Color
19A42D



Protanomaly
6E9529



Deuteranomaly
789134



Tritanomaly
369D79

Monochromacy



Original Color
19A42D



Achromatopsia
6D6D6D



Achromatomaly
4E8156

CSS Examples

Text

The CSS property to change the color of the text to Hex 19A42D 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 #19A42D looks like.

```
.text, #text, p{  
    color:#19A42D  
}
```

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 #19A42D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19A42D
}
```

Border

The CSS property to change the border of an element to Hex 19A42D 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
#19A42D }
```

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

```
.border{ border-color:#19A42D }
```

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

Here you see how a box with a 4 pixel #19A42D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19A42D; -webkit-box-shadow:4px 4px  
4px 4px #19A42D; box-shadow:4px 4px 4px  
4px #19A42D }
```

Background

The CSS property to change the background color of an element to Hex 19A42D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19A42D }
```

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

```
.background{ background-color:#19A42D }
```

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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