

Converting Colors

Hex(19DA56)

Have a look what the booklet for
Hex(19DA56) contains.

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Color

Hex(19DA56)

Conversions

Conversions Part 1

Format	Color
Hex	19DA56
RGB	25, 218, 86
RGB Percent	10%, 85%, 34%
CMY	0.9020, 0.1451, 0.6627
CMYK	0.89, 0.00, 0.61, 0.15
HSL	139°, 79%, 48%
HSV	139°, 89%, 85%
XYZ	27.1520, 51.0214, 17.2212
YIQ	145.2450, -72.6560, -81.9680

Conversions

Conversions Part 2

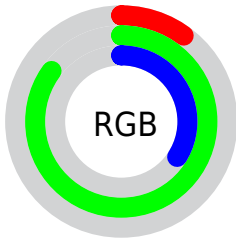
Format	Color
RYB	25, 172, 218
Decimal	1694294
CIELab	76.69, -70.23, 51.65
CIELCh	77, 87.184, 143.667
Yxy	51.0214, 0.2846, 0.5348
Android (android.graphics.Color)	4279884374 (0xFF19DA56)
YUV	145.2450, -29.2078, -105.4549
Hunter-Lab	71.4292, -57.1489, 35.7060

Details

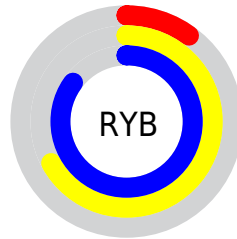
The Hex color **19DA56** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DA199D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **70FF8C**, and **00A11F** is the 20% darker color. If you saturate the color by 10%, you get **03DA47**, and if you desaturate by 10%, it is **2FDA65**.

Distribution



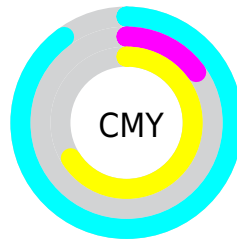
- Red (10%)
- Green (85%)
- Blue (34%)



- Red (10%)
- Yellow (67%)
- Blue (85%)



- Cyan (89%)
- Magenta (0%)
- Yellow (61%)
- Black (15%)



- Cyan (90%)
- Magenta (15%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19DA56 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 19DA56 by changing the saturation by 10% instead.

 19DA56

 19DA56

FFFFFF

 00BD3B

 70FF8C

 00A11F

 90FFA7

 008600

 B0FFC3

 006B00

 CFFFE0

 005100

 EEEFFD

 003900

 001F00

 000000

 19DA56

 19DA56

03DA47

2FDA65

00DA45

45DA74

5ADA83

70DA92

86DAA1

9CDAAF

B2DABE

C7DACD

DDDADC

Harmonies

Analogous

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



A5CC00



19DA56



00E1A9

Triad

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



19DA56



00CCFF



FF6E82

Complementary

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



19DA56



DA199D

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.



FF68D2



19DA56



96AFFF

Square

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



19DA56



00DCFF



FF88FF



FF9137

Rectangle

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



19DA56



00E2E1



FF88FF



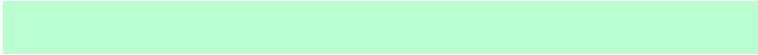
FF679C

Sweetspot

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



19DA56



BAFFD0



A0DA19



578064



000000



808080

Same Dimension

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



19DA56



00FF51



19DAB3



636E66



00AD37



002E0F

Inverse Universe

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



DA199D



FF00AE



DA1940



6E636A



AD0077



2E001F

Previews

White Background



This preview shows how the Hex color 19DA56 looks on a white background.

Color Contrast Check

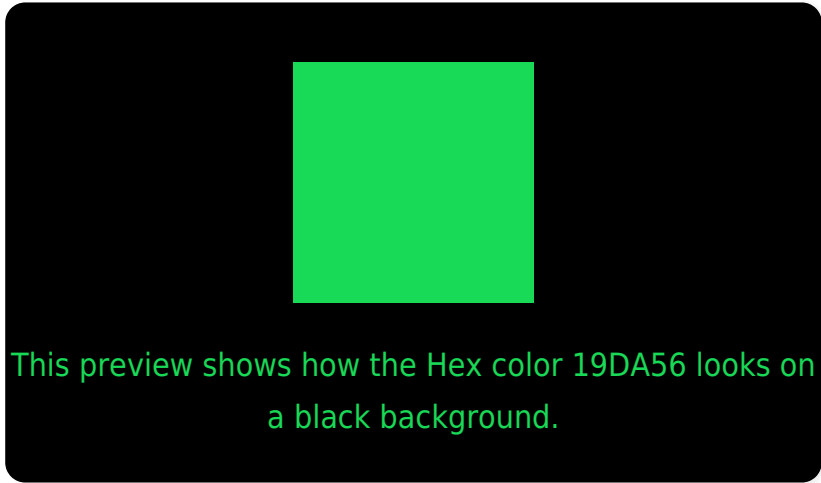
Large Text (above 18pt) WCAG AA × Fail

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 19DA56 Background



This preview shows how black text looks on a background with the Hex color 19DA56.

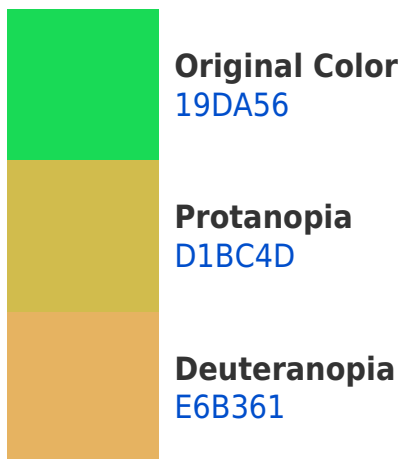


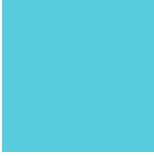
This preview shows how white text looks on a background with the Hex color 19DA56.

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](#).

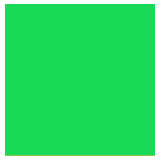
Dichromacy





Tritanopia
59CCDD

Trichromacy



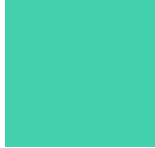
Original Color
19DA56



Protanomaly
8EC750



Deuteranomaly
9BC15D



Tritanomaly
42D1AC

Monochromacy



Original Color
19DA56



Achromatopsia
919191



Achromatomaly
65AC7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 19DA56 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 #19DA56 looks like.

```
.text, #text, p{  
    color:#19DA56  
}
```

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 #19DA56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19DA56
}
```

Border

The CSS property to change the border of an element to Hex 19DA56 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
#19DA56 }
```

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

```
.border{ border-color:#19DA56 }
```

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

Here you see how a box with a 4 pixel #19DA56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19DA56; -webkit-box-shadow:4px 4px  
4px 4px #19DA56; box-shadow:4px 4px 4px  
4px #19DA56 }
```

Background

The CSS property to change the background color of an element to Hex 19DA56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19DA56 }
```

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

```
.background{ background-color:#19DA56 }
```

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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