

Converting Colors

Hex(419D36)

Have a look what the booklet for
Hex(419D36) contains.

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Color

Hex(419D36)

Conversions

Conversions Part 1

Format	Color
Hex	419D36
RGB	65, 157, 54
RGB Percent	25%, 62%, 21%
CMY	0.7451, 0.3843, 0.7882
CMYK	0.59, 0.00, 0.66, 0.38
HSL	114°, 49%, 41%
HSV	114°, 66%, 62%
XYZ	14.9028, 25.5041, 7.6274
YIQ	117.7500, -21.7690, -51.5370

Conversions

Conversions Part 2

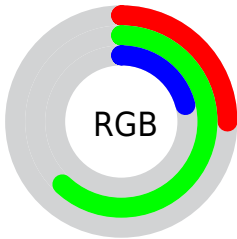
Format	Color
RYB	54, 157, 146
Decimal	4300086
CIELab	57.56, -47.47, 44.39
CIElCh	58, 64.987, 136.920
Yxy	25.5041, 0.3103, 0.5310
Android (android.graphics.Color)	4282490166 (0xFF419D36)
YUV	117.7500, -31.4288, -46.2617
Hunter-Lab	50.5016, -35.7032, 26.3964

Details

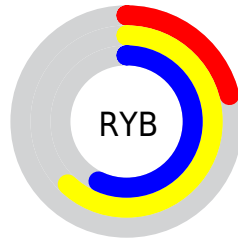
The Hex color **419D36** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **92369D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7AD469**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **339D26**, and if you desaturate by 10%, it is **4F9D46**.

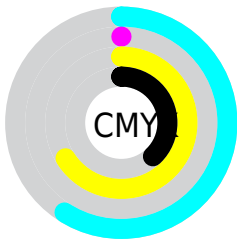
Distribution



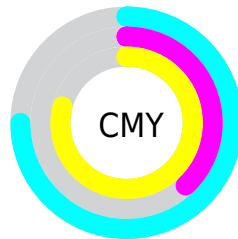
- Red (25%)
- Green (62%)
- Blue (21%)



- Red (21%)
- Yellow (62%)
- Blue (57%)



- Cyan (59%)
- Magenta (0%)
- Yellow (66%)
- Black (38%)



- Cyan (75%)
- Magenta (38%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 419D36 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 419D36 by changing the saturation by 10% instead.



419D36



419D36

FFFFFF



20821B



7AD469



006900



96F184



004F00



B3FF9F



003700



D0FFBA



002200



EDFFD6



000000



FFFFF3



419D36



419D36



339D26



4F9D46

■ 259D17

■ 5D9D55

■ 179D07

■ 6B9D65

■ 119D00

■ 799D75

■ 879D85

■ 959D94

■ A39DA4

■ B19DB4

■ BF9DC3

Harmonies

Analogous

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



879100



419D36



00A36F

Triad

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



419D36



0098F9



EF526D

Complementary

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



419D36



92369D

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.



E354A6



419D36



5286F8

Square

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



419D36



00A2DC



B56CD9



DF6638

Rectangle

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



419D36



00A496



B56CD9



EF4F7F

Sweetspot

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



419D36



A8CCA3



9D9136



50664E



E6E6E6



666666

Same Dimension

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



419D36



3CCC2B



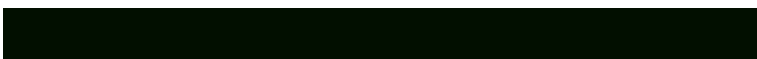
369D5D



484F47



0F8F00



020F00

Inverse Universe

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



92369D



BB2BCC



9D3676



4E474F



80008F



0E000F

Previews

White Background



This preview shows how the Hex color 419D36 looks on a white background.

Color Contrast Check

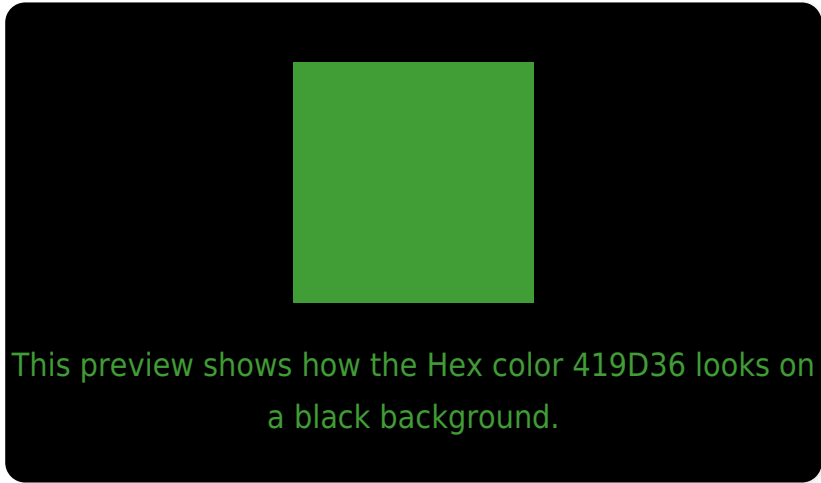
Large Text (above 18pt) WCAG AA ✓ Pass

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

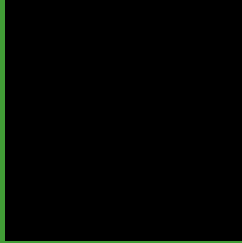
Any Text WCAG AA ✓ Pass

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 419D36 Background



This preview shows how black text looks on a background with the Hex color 419D36.

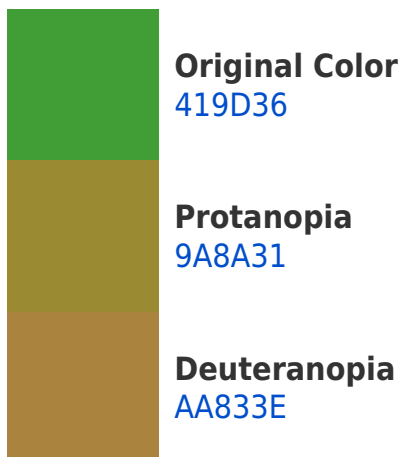


This preview shows how white text looks on a background with the Hex color 419D36.

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](#).

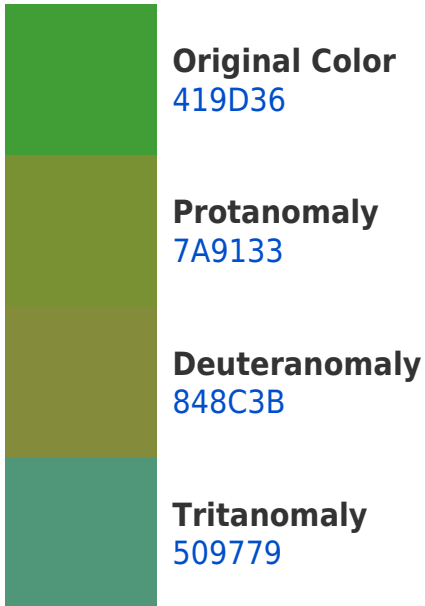
Dichromacy





Tritanopia
58939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 419D36 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 #419D36 looks like.

```
.text, #text, p{  
    color:#419D36  
}
```

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 #419D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419D36
}
```

Border

The CSS property to change the border of an element to Hex 419D36 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
#419D36 }
```

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

```
.border{ border-color:#419D36 }
```

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

Here you see how a box with a 4 pixel #419D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419D36; -webkit-box-shadow:4px 4px  
4px 4px #419D36; box-shadow:4px 4px 4px  
4px #419D36 }
```

Background

The CSS property to change the background color of an element to Hex 419D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419D36 }
```

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

```
.background{ background-color:#419D36 }
```

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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