

Converting Colors

Hex(419A14)

Have a look what the booklet for
Hex(419A14) contains.

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Color

Hex(419A14)

Conversions

Conversions Part 1

Format	Color
Hex	419A14
RGB	65, 154, 20
RGB Percent	25%, 60%, 8%
CMY	0.7451, 0.3961, 0.9216
CMYK	0.58, 0.00, 0.87, 0.40
HSL	100°, 77%, 34%
HSV	100°, 87%, 60%
XYZ	13.8618, 24.2855, 4.6188
YIQ	112.1130, -10.0300, -60.5420

Conversions

Conversions Part 2

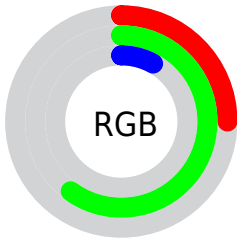
Format	Color
R_{YB}	20, 154, 109
Decimal	4299284
CIE _{Lab}	56.37, -48.76, 55.03
CIE _{LCh}	56, 73.526, 131.546
Yxy	24.2855, 0.3241, 0.5679
Android (android.graphics.Color)	4282489364 (0xFF419A14)
YUV	112.1130, -45.4117, -41.3181
Hunter-Lab	49.2803, -36.0312, 28.9393

Details

The Hex color **419A14** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6D149A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7BD14F**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **379A05**, and if you desaturate by 10%, it is **4B9A23**.

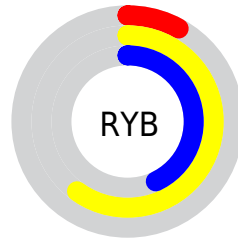
Distribution



Red (25%)

Green (60%)

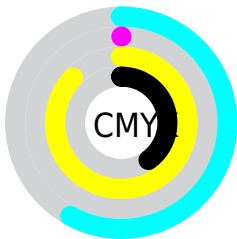
Blue (8%)



Red (8%)

Yellow (60%)

Blue (43%)

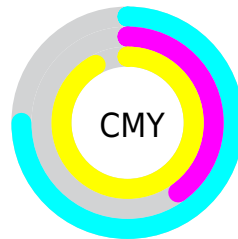


Cyan (58%)

Magenta (0%)

Yellow (87%)

Black (40%)



Cyan (75%)

Magenta (40%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 419A14 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 419A14 by changing the saturation by 10% instead.

 419A14

 419A14

FFFFFF

 1F7F00

 7BD14F

 006600

 97EE6A

 004D00

 B4FF85

 003500

 D1FFA0

 001E00

 EFFFBC

 000000

 FFFFD9

 FFFFF6

 419A14

 419A14

■ 379A05

■ 4B9A23

■ 349A00

■ 559A33

■ 609A42

■ 6A9A52

■ 749A61

■ 7E9A70

■ 899A80

■ 939A8F

■ 9D9A9F

Harmonies

Analogous

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



8C8C00



419A14



00A15C

Triad

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



419A14



0099FF



F73D71

Complementary

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



419A14



6D149A

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.



E448B1



419A14



0087FF

Square

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



419A14



00A2DB



A769E8



E95634

Rectangle

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



419A14



00A389



A769E8



F53B87

Sweetspot

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



419A14



A7C995



9A6B14



516646



E6E6E6



666666

Same Dimension

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



419A14



44C900



149A28



474D45



2F8C00



040D00

Inverse Universe

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



6D149A



8600C9



9A1486



4A454D



5D008C



08000D

Previews

White Background



This preview shows how the Hex color 419A14 looks on a white background.

Color Contrast Check

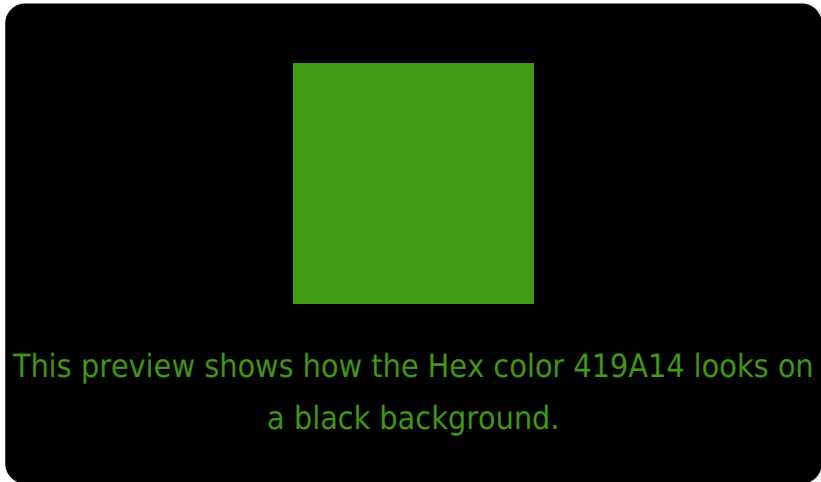
Large Text (above 18pt) WCAG AA ✓ Pass

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 419A14 Background



This preview shows how black text looks on a background with the Hex color 419A14.



This preview shows how white text looks on a background with the Hex color 419A14.

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
419A14

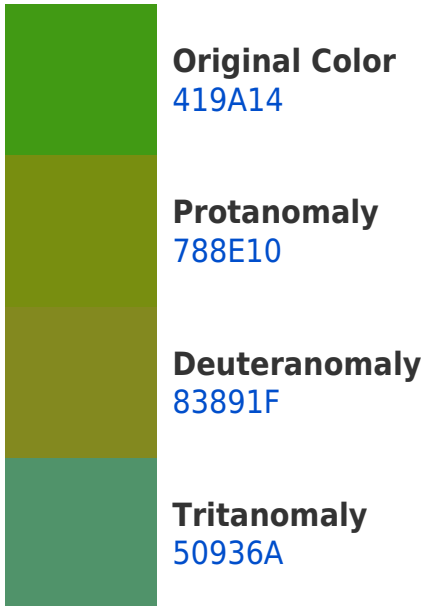
Protanopia
98870D

Deuteranopia
A97F25

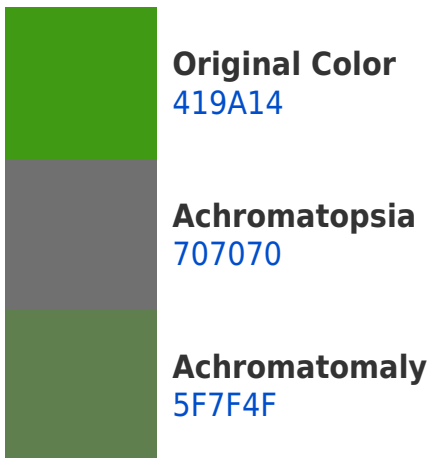


Tritanopia
598F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 419A14 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 #419A14 looks like.

```
.text, #text, p{  
    color:#419A14  
}
```

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 #419A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419A14
}
```

Border

The CSS property to change the border of an element to Hex 419A14 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
#419A14 }
```

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

```
.border{ border-color:#419A14 }
```

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

Here you see how a box with a 4 pixel #419A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419A14; -webkit-box-shadow:4px 4px  
4px 4px #419A14; box-shadow:4px 4px 4px  
4px #419A14 }
```

Background

The CSS property to change the background color of an element to Hex 419A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419A14 }
```

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

```
.background{ background-color:#419A14 }
```

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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