

Converting Colors

Hex(419EA3)

Have a look what the booklet for
Hex(419EA3) contains.

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Color

Hex(419EA3)

Conversions

Conversions Part 1

Format	Color
Hex	419EA3
RGB	65, 158, 163
RGB Percent	25%, 62%, 64%
CMY	0.7451, 0.3804, 0.3608
CMYK	0.60, 0.03, 0.00, 0.36
HSL	183°, 43%, 45%
HSV	183°, 60%, 64%
XYZ	21.0177, 28.2219, 38.9900
YIQ	130.7630, -57.0330, -18.1610

Conversions

Conversions Part 2

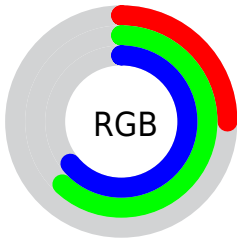
Format	Color
R _{YB}	65, 113, 163
Decimal	4300451
CIE _{Lab}	60.09, -25.61, -10.84
CIE _{LCh}	60, 27.810, 202.933
Y _{xy}	28.2219, 0.2382, 0.3199
Android (android.graphics.Color)	4282490531 (0xFF419EA3)
YUV	130.7630, 15.8928, -57.6742
Hunter-Lab	53.1243, -22.3471, -6.3282

Details

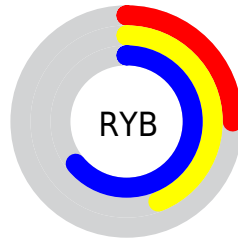
The Hex color **419EA3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A34641**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7BD5DA**, and **006A6F** is the 20% darker color. If you saturate the color by 10%, you get **319DA3**, and if you desaturate by 10%, it is **519FA3**.

Distribution



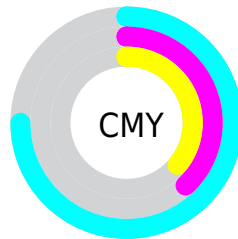
- Red (25%)
- Green (62%)
- Blue (64%)



- Red (25%)
- Yellow (44%)
- Blue (64%)



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)
- Black (36%)



- Cyan (75%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 419EA3 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 419EA3 by changing the saturation by 10% instead.



419EA3



419EA3

FFFFFF



1E8489



7BD5DA



006A6F



98F1F6



005257



B4FFFF



003A40



D2FFFF



00252A



EFFFFFF



000216



000000



419EA3



419EA3



319DA3



519FA3

■ 209CA3

■ 62A0A3

■ 109CA3

■ 72A0A3

■ 009BA3

■ 82A1A3

■ 93A2A3

■ A3A3A3

■ B3A4A3

■ C3A5A3

■ D4A5A3

Harmonies

Analogous

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



569E8A



419EA3



489BB7

Triad

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



419EA3



AA84AF



A78D60

Complementary

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



419EA3



A34641

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.



B9856B



419EA3



BD7F98

Square

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



419EA3



8C8DBE



C27F7F



8E9563

Rectangle

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



419EA3



5B97BF



C27F7F



AE8A62

Sweetspot

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



419EA3



AED2D4



41A346



546A6B



EBEBEB



6B6B6B

Same Dimension

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



419EA3



3BCCD4



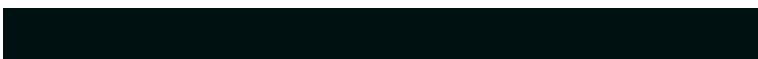
416DA3



495152



008A91



001112

Inverse Universe

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



A3419E



D43BCC



A37741



524951



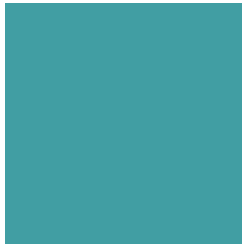
91008A



120011

Previews

White Background



This preview shows how the Hex color 419EA3 looks on a white background.

Color Contrast Check

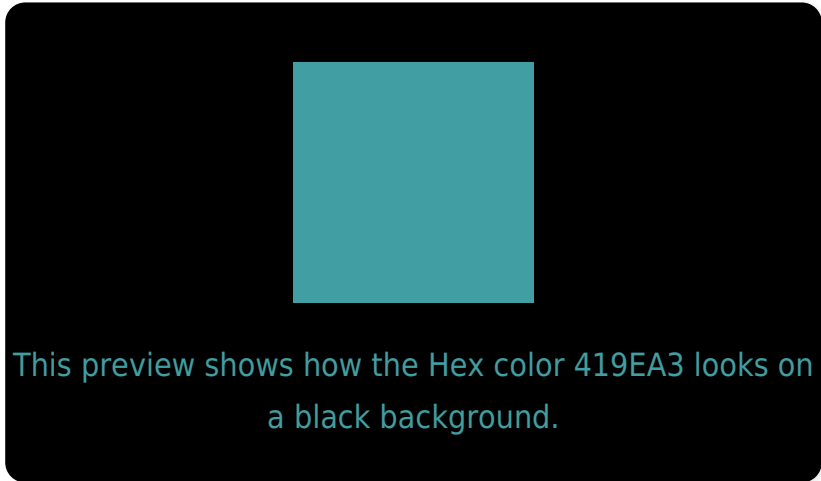
Large Text (above 18pt) WCAG AA ✓ Pass

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

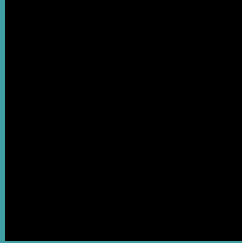
Any Text WCAG AA ✓ Pass

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 419EA3 Background



This preview shows how black text looks on a background with the Hex color 419EA3.

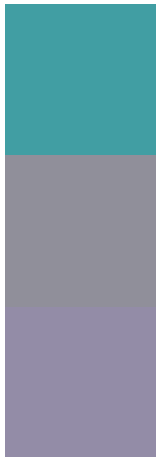


This preview shows how white text looks on a background with the Hex color 419EA3.

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

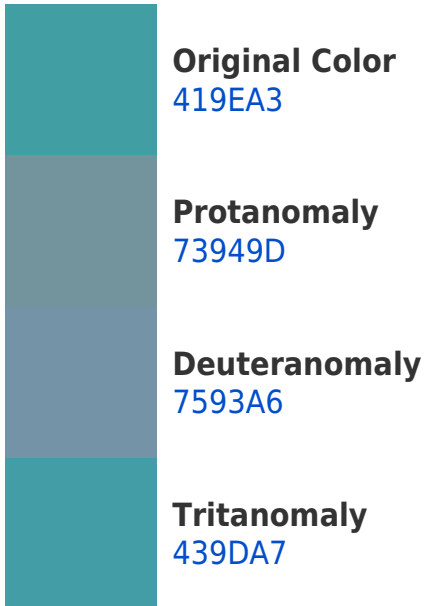


Original Color
419EA3

Protanopia
908F9A

Deuteranopia
938CA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 419EA3 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 #419EA3 looks like.

```
.text, #text, p{  
    color:#419EA3  
}
```

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 #419EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419EA3
}
```

Border

The CSS property to change the border of an element to Hex 419EA3 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
#419EA3 }
```

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

```
.border{ border-color:#419EA3 }
```

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

Here you see how a box with a 4 pixel #419EA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419EA3; -webkit-box-shadow:4px 4px  
4px 4px #419EA3; box-shadow:4px 4px 4px  
4px #419EA3 }
```

Background

The CSS property to change the background color of an element to Hex 419EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419EA3 }
```

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

```
.background{ background-color:#419EA3 }
```

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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