

Converting Colors

Hex(459FA9)

Have a look what the booklet for
Hex(459FA9) contains.

Hex(459FA9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(459FA9)

Conversions

Conversions Part 1

Format	Color
Hex	459FA9
RGB	69, 159, 169
RGB Percent	27%, 62%, 66%
CMY	0.7294, 0.3765, 0.3373
CMYK	0.59, 0.06, 0.00, 0.34
HSL	186°, 42%, 47%
HSV	186°, 59%, 66%
XYZ	22.0138, 28.9261, 41.9592
YIQ	133.2300, -56.8500, -15.9700

Conversions

Conversions Part 2

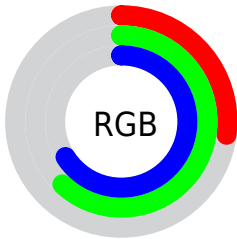
Format	Color
R _Y B	69, 116, 169
Decimal	4562857
CIE Lab	60.72, -23.61, -13.27
CIE LCh	61, 27.088, 209.336
Yxy	28.9261, 0.2370, 0.3114
Android (android.graphics.Color)	4282752937 (0xFF459FA9)
YUV	133.2300, 17.6346, -56.3297
Hunter-Lab	53.7829, -21.0586, -8.6075

Details

The Hex color **459FA9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A94F45**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7FD6E0**, and **006B75** is the 20% darker color. If you saturate the color by 10%, you get **349DA9**, and if you desaturate by 10%, it is **56A1A9**.

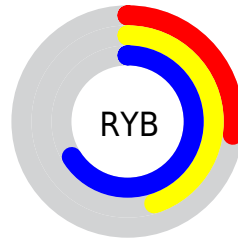
Distribution



Red (27%)

Green (62%)

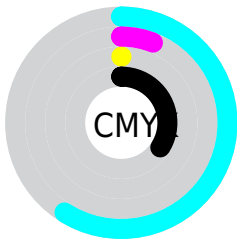
Blue (66%)



Red (27%)

Yellow (45%)

Blue (66%)

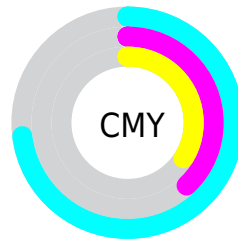


Cyan (59%)

Magenta (6%)

Yellow (0%)

Black (34%)



Cyan (73%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 459FA9 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 459FA9 by changing the saturation by 10% instead.



459FA9



459FA9

FFFFFF



24858F



7FD6E0



006B75



9BF2FD



00535C



B8FFFF



003B45



D5FFFF



00252E



F3FFFF



00061A



000000



459FA9



459FA9



349DA9



56A1A9

■ 239CA9

■ 67A2A9

■ 129AA9

■ 78A4A9

■ 0198A9

■ 89A6A9

■ 0098A9

■ 99A7A9

■ AAA9A9

■ BBABA9

■ CCADA9

■ DDAEA9

Harmonies

Analogous

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



54A091



459FA9



529BBB

Triad

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



459FA9



B085AB



A49163

Complementary

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



459FA9



A94F45

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.



B7896A



459FA9



C08194

Square

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



459FA9



958CBC



C2827C



8B9868

Rectangle

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



459FA9



6697C1



C2827C



AB8E64

Sweetspot

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



459FA9



B4D7DB



45A94F



566B6E



EDEDED



6E6E6E

Same Dimension

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



459FA9



40CCDB



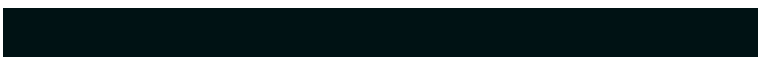
456DA9



4C5354



008594



001214

Inverse Universe

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



A9459F



DB40CC



A98145



544C53



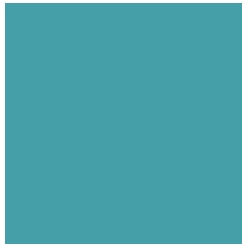
940085



140012

Previews

White Background



This preview shows how the Hex color 459FA9 looks on a white background.

Color Contrast Check

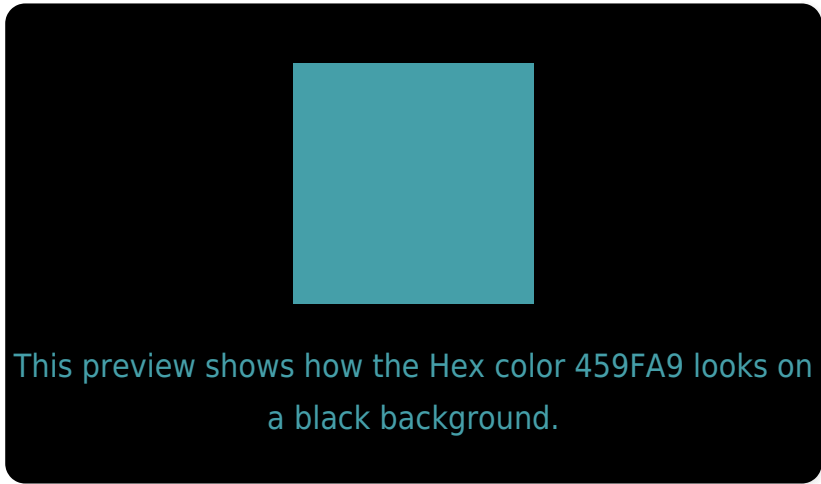
Large Text (above 18pt) WCAG AA ✓ Pass

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

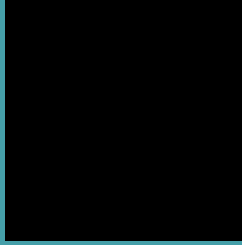
Any Text WCAG AA ✓ Pass

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 459FA9 Background



This preview shows how black text looks on a background with the Hex color 459FA9.

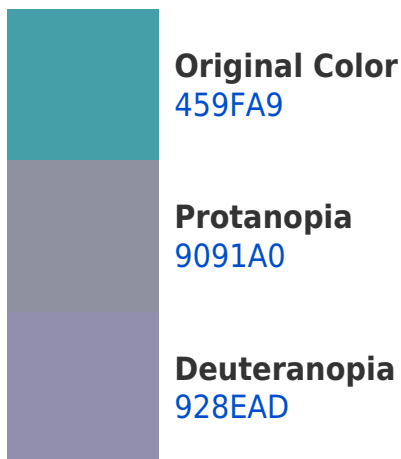


This preview shows how white text looks on a background with the Hex color 459FA9.

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](#).

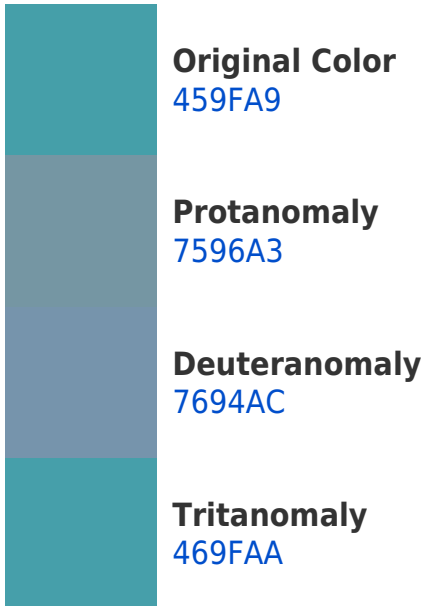
Dichromacy



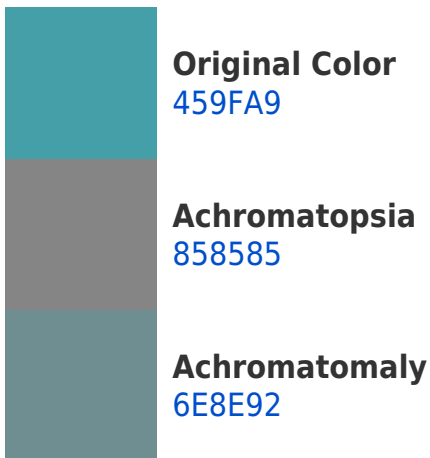


Tritanopia
469FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 459FA9 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 #459FA9 looks like.

```
.text, #text, p{  
    color:#459FA9  
}
```

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 #459FA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459FA9
}
```

Border

The CSS property to change the border of an element to Hex 459FA9 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
#459FA9 }
```

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

```
.border{ border-color:#459FA9 }
```

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

Here you see how a box with a 4 pixel #459FA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459FA9; -webkit-box-shadow:4px 4px  
4px 4px #459FA9; box-shadow:4px 4px 4px  
4px #459FA9 }
```

Background

The CSS property to change the background color of an element to Hex 459FA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459FA9 }
```

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

```
.background{ background-color:#459FA9 }
```

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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