

Converting Colors

Hex(459FA6)

Have a look what the booklet for
Hex(459FA6) contains.

Hex(459FA6)	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(459FA6)

Conversions

Conversions Part 1

Format	Color
Hex	459FA6
RGB	69, 159, 166
RGB Percent	27%, 62%, 65%
CMY	0.7294, 0.3765, 0.3490
CMYK	0.58, 0.04, 0.00, 0.35
HSL	184°, 41%, 46%
HSV	184°, 58%, 65%
XYZ	21.7353, 28.8147, 40.4926
YIQ	132.8880, -55.8870, -16.9030

Conversions

Conversions Part 2

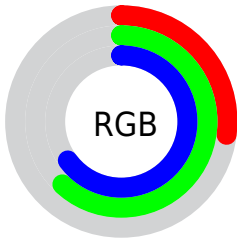
Format	Color
R _{YB}	69, 116, 166
Decimal	4562854
CIE Lab	60.62, -24.49, -11.73
CIE LCh	61, 27.152, 205.585
Yxy	28.8147, 0.2387, 0.3165
Android (android.graphics.Color)	4282752934 (0xFF459FA6)
YUV	132.8880, 16.3242, -56.0298
Hunter-Lab	53.6793, -21.6622, -7.1495

Details

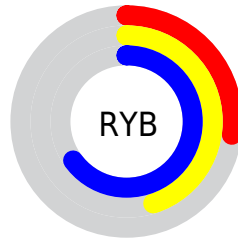
The Hex color **459FA6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A64C45**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7FD6DD**, and **006B72** is the 20% darker color. If you saturate the color by 10%, you get **349EA6**, and if you desaturate by 10%, it is **56A0A6**.

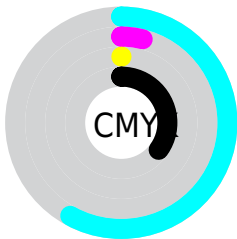
Distribution



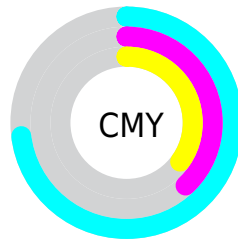
- Red (27%)
- Green (62%)
- Blue (65%)



- Red (27%)
- Yellow (45%)
- Blue (65%)



- Cyan (58%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (73%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 459FA6 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 459FA6 by changing the saturation by 10% instead.



459FA6



459FA6

FFFFFF



24858C



7FD6DD



006B72



9BF2FA



00535A



B8FFFF



003B42



D5FFFF



00252C



F3FFFF



000518



000000



459FA6



459FA6



349EA6



56A0A6

■ 249DA6

■ 66A1A6

■ 139BA6

■ 77A3A6

■ 039AA6

■ 87A4A6

■ 009AA6

■ 98A5A6

■ A9A6A6

■ B9A7A6

■ CAA9A6

■ DAAAA6

Harmonies

Analogous

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



579F8E



459FA6



4E9CB9

Triad

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



459FA6



AD85AE



A68F62

Complementary

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



459FA6



A6C45

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.



B9876C



459FA6



BE8197

Square

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



459FA6



918DBD



C2827F



8E9766

Rectangle

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



459FA6



6298C0



C2827F



AD8D64

Sweetspot

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



459FA6



B2D6D9



45A64B



566C6E



EDEDED



6E6E6E

Same Dimension

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



459FA6



41CED9



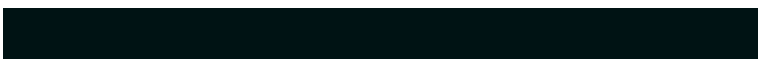
456FA6



4C5454



008994



001314

Inverse Universe

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



A6459F



D941CE



A67C45



544C54



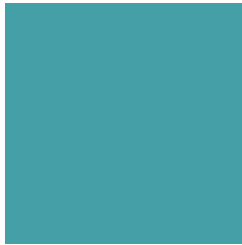
940089



140013

Previews

White Background



This preview shows how the Hex color 459FA6 looks on a white background.

Color Contrast Check

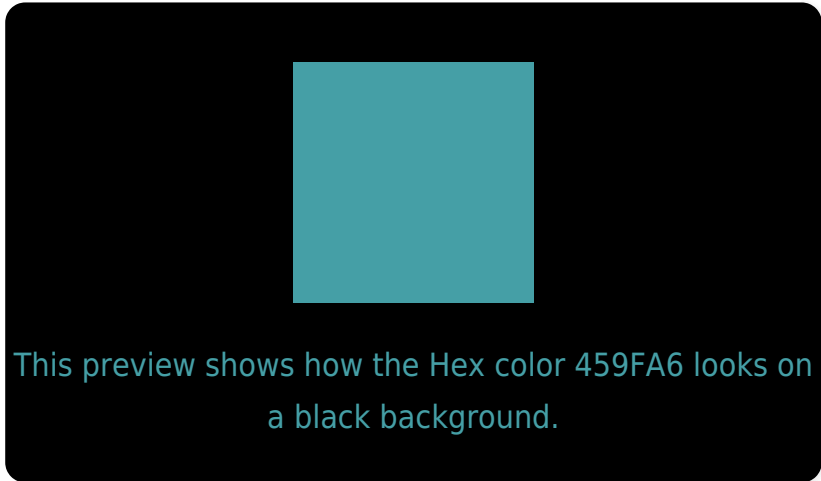
Large Text (above 18pt) WCAG AA ✓ Pass

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

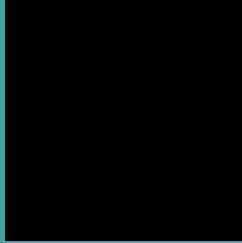
Any Text WCAG AA ✓ Pass

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 459FA6 Background



This preview shows how black text looks on a background with the Hex color 459FA6.

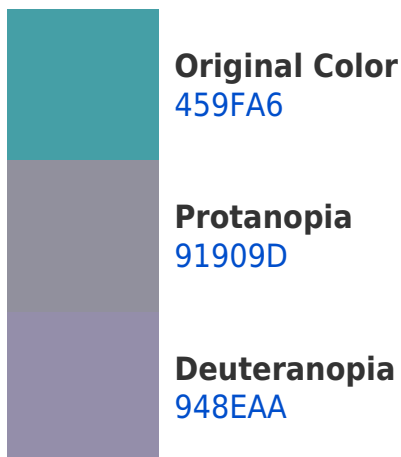


This preview shows how white text looks on a background with the Hex color 459FA6.

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](#).

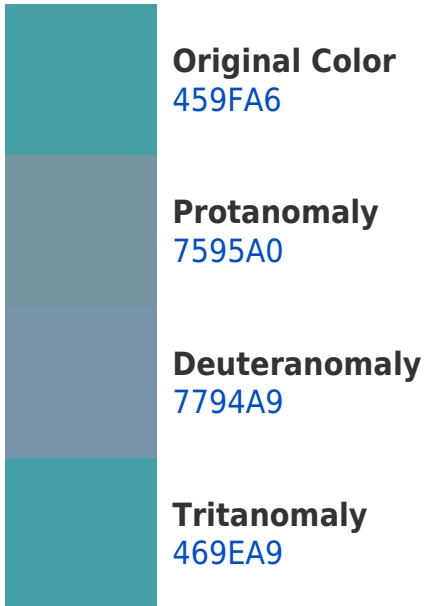
Dichromacy



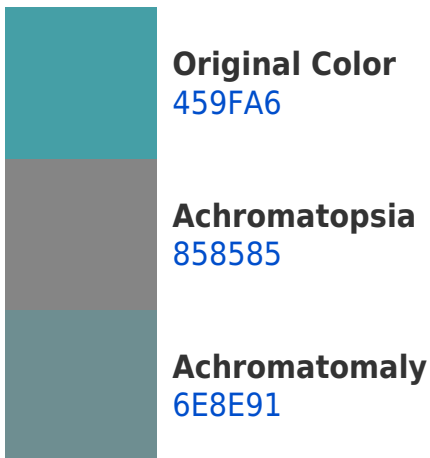


Tritanopia
479EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 459FA6 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 #459FA6 looks like.

```
.text, #text, p{  
    color:#459FA6  
}
```

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 #459FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459FA6
}
```

Border

The CSS property to change the border of an element to Hex 459FA6 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
#459FA6 }
```

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

```
.border{ border-color:#459FA6 }
```

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

Here you see how a box with a 4 pixel #459FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459FA6; -webkit-box-shadow:4px 4px  
4px 4px #459FA6; box-shadow:4px 4px 4px  
4px #459FA6 }
```

Background

The CSS property to change the background color of an element to Hex 459FA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459FA6 }
```

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

```
.background{ background-color:#459FA6 }
```

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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