

Converting Colors

Hex(459AA5)

Have a look what the booklet for
Hex(459AA5) contains.

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Color

Hex(459AA5)

Conversions

Conversions Part 1

Format	Color
Hex	459AA5
RGB	69, 154, 165
RGB Percent	27%, 60%, 65%
CMY	0.7294, 0.3961, 0.3529
CMYK	0.58, 0.07, 0.00, 0.35
HSL	187°, 41%, 46%
HSV	187°, 58%, 65%
XYZ	20.8014, 27.0930, 39.7304
YIQ	129.8390, -54.1910, -14.5990

Conversions

Conversions Part 2

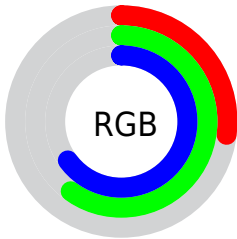
Format	Color
R_{YB}	69, 114, 165
Decimal	4561573
CIE _{Lab}	59.06, -22.22, -13.50
CIE _{LCh}	59, 26.002, 211.286
Yxy	27.0930, 0.2374, 0.3092
Android (android.graphics.Color)	4282751653 (0xFF459AA5)
YUV	129.8390, 17.3344, -53.3558
Hunter-Lab	52.0510, -19.7544, -8.8203

Details


The Hex color **459AA5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A55045**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7ED1DC**, and **006771** is the 20% darker color. If you saturate the color by 10%, you get **3498A5**, and if you desaturate by 10%, it is **559CA5**.

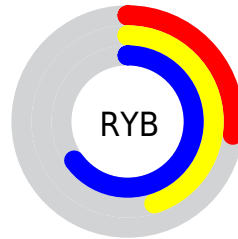
Distribution



 Red (27%)

 Green (60%)

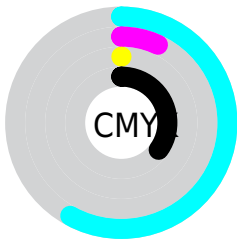
 Blue (65%)




 Red (27%)

 Yellow (45%)

 Blue (65%)

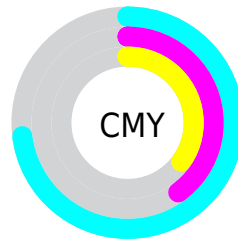


 Cyan (58%)


 Magenta (7%)

 Yellow (0%)

 Black (35%)



 Cyan (73%)

 Magenta (40%)

 Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 459AA5 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 459AA5 by changing the saturation by 10% instead.

459AA5

459AA5

FFFFFF

25808B

7ED1DC

006771

9AEDF9

004E59

B7FFFF

003741

D4FFFF

00222B

F2FFFF

000117

000000

459AA5

459AA5

3498A5

559CA5

■ 2496A5

■ 669EA5

■ 1394A5

■ 76A0A5

■ 0392A5

■ 87A2A5

■ 0092A5

■ 97A3A5

■ A8A5A5

■ B8A7A5

■ C9A9A5

■ D9ABA5

Harmonies

Analogous

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



529B8E



459AA5



5396B5

Triad

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



459AA5



AC81A4



9D8D60

Complementary

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



459AA5



A55045

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.



B08567



459AA5



BA7D8E

Square

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



459AA5



9388B5



BB7F78



859467

Rectangle

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



459AA5



6792BB



BB7F78



A48A61

Sweetspot

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



459AA5



B2D2D6



45A54F



56696B



EBEBEB



6B6B6B

Same Dimension

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



459AA5



40C5D6



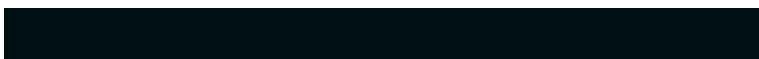
456BA5



495152



008191



001012

Inverse Universe

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



A5459A



D640C5



A57F45



524951



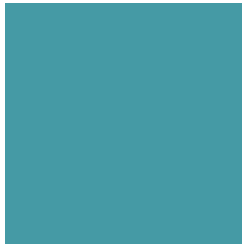
910081



120010

Previews

White Background



This preview shows how the Hex color 459AA5 looks on a white background.

Color Contrast Check

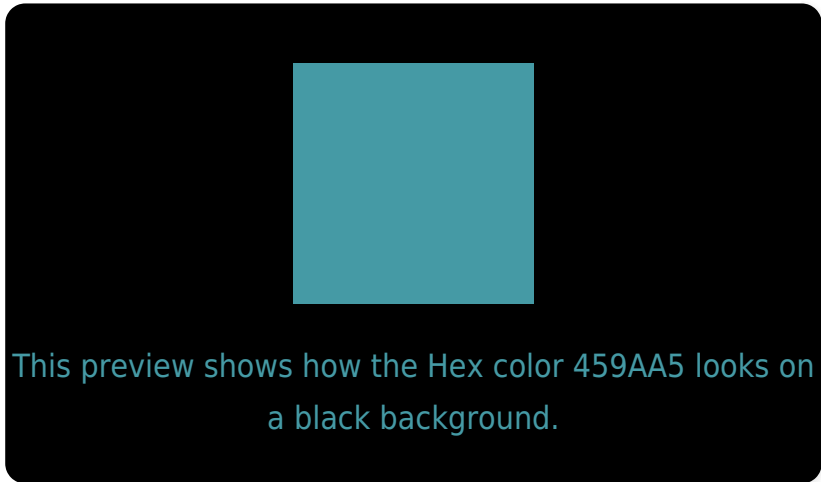
Large Text (above 18pt) WCAG AA ✓ Pass

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

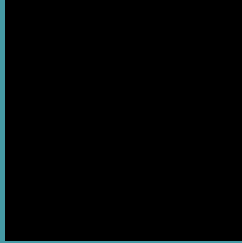
Any Text WCAG AA ✓ Pass

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 459AA5 Background



This preview shows how black text looks on a background with the Hex color 459AA5.

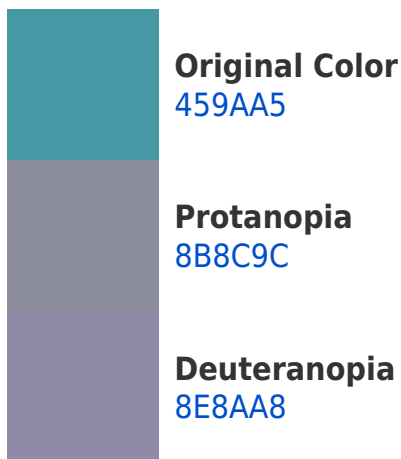


This preview shows how white text looks on a background with the Hex color 459AA5.

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](#).

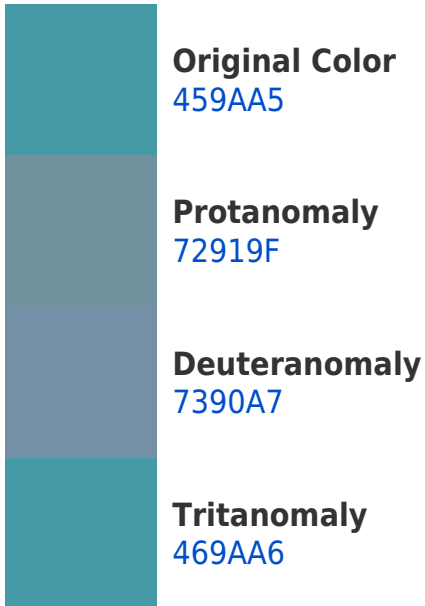
Dichromacy



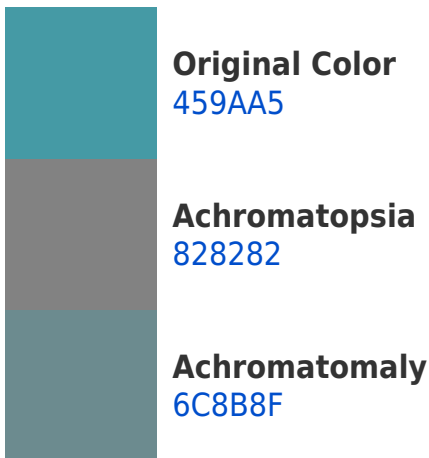


Tritanopia
469AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 459AA5 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 #459AA5 looks like.

```
.text, #text, p{  
    color:#459AA5  
}
```

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 #459AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459AA5
}
```

Border

The CSS property to change the border of an element to Hex 459AA5 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
#459AA5 }
```

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

```
.border{ border-color:#459AA5 }
```

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

Here you see how a box with a 4 pixel #459AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459AA5; -webkit-box-shadow:4px 4px  
4px 4px #459AA5; box-shadow:4px 4px 4px  
4px #459AA5 }
```

Background

The CSS property to change the background color of an element to Hex 459AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459AA5 }
```

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

```
.background{ background-color:#459AA5 }
```

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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