

Converting Colors

Hex(5957AE)

Have a look what the booklet for
Hex(5957AE) contains.

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Color

Hex(5957AE)

Conversions

Conversions Part 1

Format	Color
Hex	5957AE
RGB	89, 87, 174
RGB Percent	35%, 34%, 68%
CMY	0.6510, 0.6588, 0.3176
CMYK	0.49, 0.50, 0.00, 0.32
HSL	241°, 35%, 51%
HSV	241°, 50%, 68%
XYZ	15.1680, 11.9962, 41.5605
YIQ	97.5160, -26.7350, 27.4810

Conversions

Conversions Part 2

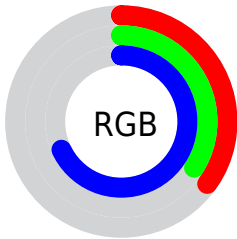
Format	Color
R_{YB}	89, 87, 174
Decimal	5855150
CIE _{Lab}	41.21, 24.61, -46.44
CIE _{LCh}	41, 52.559, 297.921
Yxy	11.9962, 0.2207, 0.1746
Android (android.graphics.Color)	4284045230 (0xFF5957AE)
YUV	97.5160, 37.7066, -7.4685
Hunter-Lab	34.6356, 17.5585, -46.8993

Details

The Hex color **5957AE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ACAE57**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9089E6**, and **1F2A79** is the 20% darker color. If you saturate the color by 10%, you get **4846AE**, and if you desaturate by 10%, it is **6A68AE**.

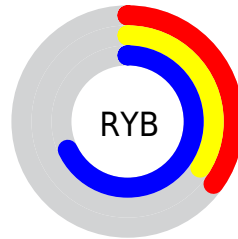
Distribution



Red (35%)

Green (34%)

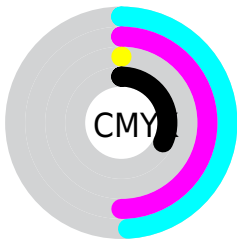
Blue (68%)



Red (35%)

Yellow (34%)

Blue (68%)

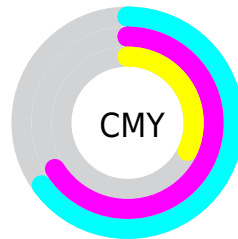


Cyan (49%)

Magenta (50%)

Yellow (0%)

Black (32%)



Cyan (65%)

Magenta (66%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5957AE 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 5957AE by changing the saturation by 10% instead.

■ 5957AE

■ 5957AE

FFFFFF

■ 3D4093

■ 9089E6

■ 1F2A79

■ ACA3FF

■ 00155F

■ C9BEFF

■ 000047

■ E6DAFF

■ 000430

■ FFF7FF

■ 00011A

■ 000000

■ 5957AE

■ 5957AE

■ 4846AE

■ 6A68AE

■ 3734AE

■ 7B7AAE

■ 2623AE

■ 8C8BAE

■ 1511AE

■ 9D9DAE

■ 0400AE

■ AEAEAE

■ BFBFAE

■ D0D1AE

■ E1E2AE

■ F2F4AE

Harmonies

Analogous

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



0067B8



5957AE



924290

Triad

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



5957AE



984D14



00755D

Complementary

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



5957AE



ACAE57

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.



007130



5957AE



785E00

Square

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



5957AE



AB3A3C



4E6A02



007589

Rectangle

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



5957AE



A53675



4E6A02



00744E

Sweetspot

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



5957AE



C2C1E3



57ADAE



5F5E73



F2F2F2



737373

Same Dimension

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



5957AE



5E5BE3



8457AE



4E4E57



030096



010017

Inverse Universe

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



AE57AC



E35BE0



81AE57



574E57



960093



170016

Previews

White Background



This preview shows how the Hex color 5957AE looks on a white background.

Color Contrast Check

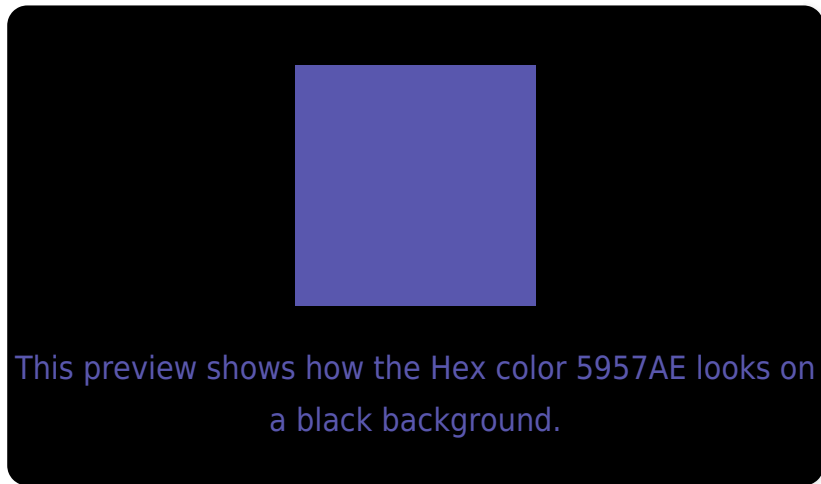
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

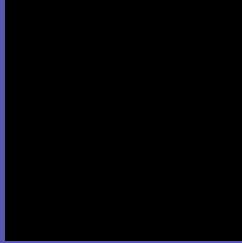
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5957AE Background



This preview shows how black text looks on a background with the Hex color 5957AE.

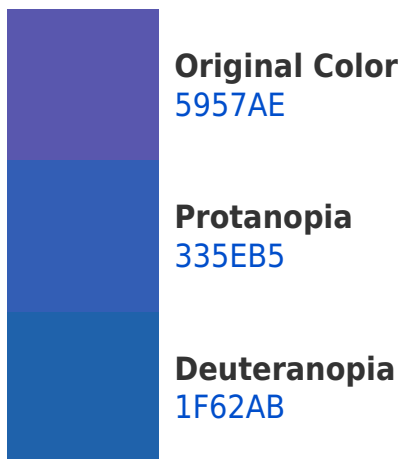



This preview shows how white text looks on a background with the Hex color 5957AE.

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](#).

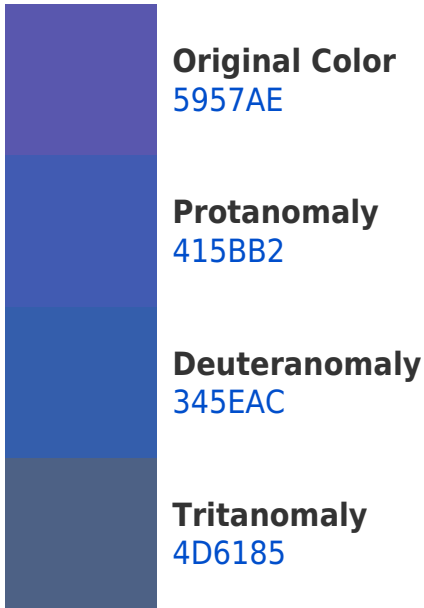
Dichromacy



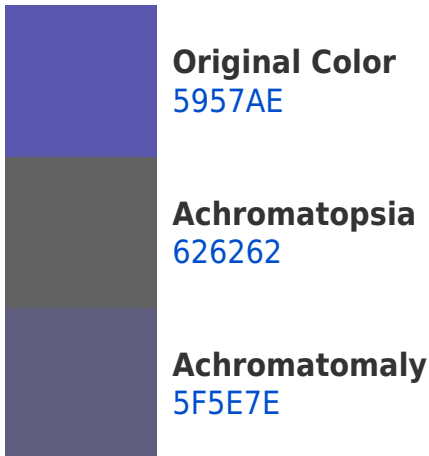


Tritanopia
46666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5957AE 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 #5957AE looks like.

```
.text, #text, p{  
    color:#5957AE  
}
```

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 #5957AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5957AE
}
```

Border

The CSS property to change the border of an element to Hex 5957AE 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".

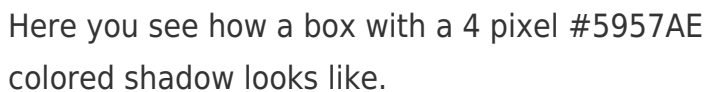
```
.border, #border, table{ border:4px solid
#5957AE }
```

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

```
.border{ border-color:#5957AE }
```

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

Here you see how a box with a 4 pixel #5957AE colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5957AE; -webkit-box-shadow:4px 4px  
4px 4px #5957AE; box-shadow:4px 4px 4px  
4px #5957AE }
```

Background

The CSS property to change the background color of an element to Hex 5957AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5957AE }
```

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

```
.background{ background-color:#5957AE }
```

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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