

Converting Colors

Hex(5859A1)

Have a look what the booklet for
Hex(5859A1) contains.

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Color

Hex(5859A1)

Conversions

Conversions Part 1

Format	Color
Hex	5859A1
RGB	88, 89, 161
RGB Percent	35%, 35%, 63%
CMY	0.6549, 0.6510, 0.3686
CMYK	0.45, 0.45, 0.00, 0.37
HSL	239°, 29%, 49%
HSV	239°, 45%, 63%
XYZ	14.0299, 11.7927, 35.2550
YIQ	96.9090, -23.7080, 22.1800

Conversions

Conversions Part 2

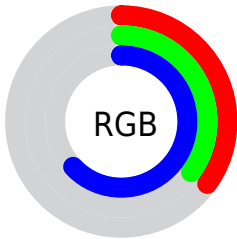
Format	Color
R_{YB}	88, 89, 161
Decimal	5790113
CIE _{Lab}	40.88, 19.05, -39.26
CIE _{LCh}	41, 43.638, 295.889
Yxy	11.7927, 0.2297, 0.1931
Android (android.graphics.Color)	4283980193 (0xFF5859A1)
YUV	96.9090, 31.5969, -7.8132
Hunter-Lab	34.3405, 12.8309, -36.8306

Details

The Hex color **5859A1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A1A058**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8E8BD8**, and **222C6D** is the 20% darker color. If you saturate the color by 10%, you get **4849A1**, and if you desaturate by 10%, it is **6869A1**.

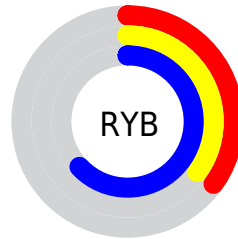
Distribution



Red (35%)

Green (35%)

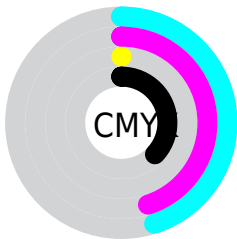
Blue (63%)



Red (35%)

Yellow (35%)

Blue (63%)

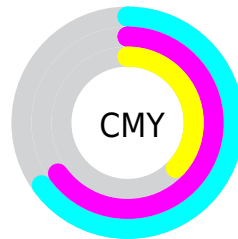


Cyan (45%)

Magenta (45%)

Yellow (0%)

Black (37%)



Cyan (65%)

Magenta (65%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5859A1 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 5859A1 by changing the saturation by 10% instead.

■ 5859A1

■ 5859A1

FFFFFF

■ 3E4286

■ 8E8BD8

■ 222C6D

■ A9A5F5

■ 001754

■ C5C0FF

■ 00003D

■ E2DCFF

■ 000226

■ FFF9FF

■ 00010F

■ 000000

■ 5859A1

■ 5859A1

■ 4849A1

■ 6869A1

■ 3839A1

■ 7879A1

■ 2829A1

■ 8889A1

■ 1819A1

■ 9899A1

■ 080AA1

■ A8A8A1

■ 0002A1

■ B9B8A1

■ C9C8A1

■ D9D8A1

■ E9E8A1

Harmonies

Analogous

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



0066A8



5859A1



874A89

Triad

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



5859A1



924F25



00715A

Complementary

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



5859A1



A1A058

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.



236E36



5859A1



775D11

Square

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



5859A1



A04243



55681A



00717F

Rectangle

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



5859A1



994173



55681A



00704E

Sweetspot

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



5859A1



B4B4D1



58A1A0



575769



E8E8E8



696969

Same Dimension

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



5859A1



6062D1



7B58A1



494A52



000291



000012

Inverse Universe

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



A15859



D16062



7EA158



52494A



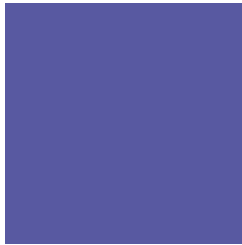
910002



120000

Previews

White Background



This preview shows how the Hex color 5859A1 looks on a white background.

Color Contrast Check

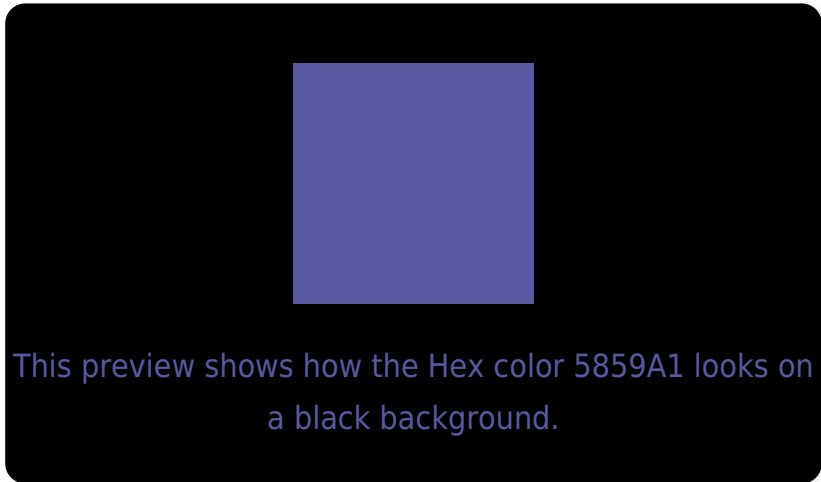
Large Text (above 18pt) WCAG AA ✓ Pass

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

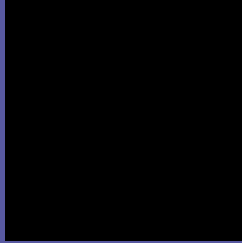
Any Text WCAG AA × Fail

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 5859A1 Background



This preview shows how black text looks on a background with the Hex color 5859A1.

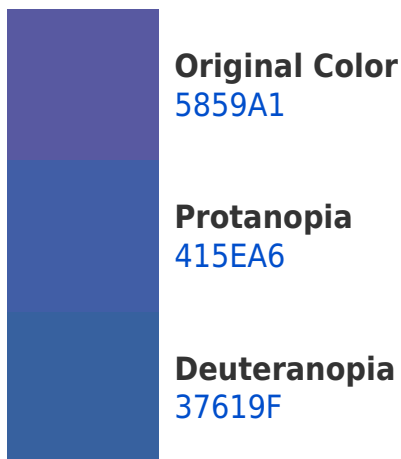



This preview shows how white text looks on a background with the Hex color 5859A1.

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
4A656D

Trichromacy



Original Color
5859A1

Protanomaly
495CA4

Deuteranomaly
435EA0

Tritanomaly
4F6180

Monochromacy



Original Color
5859A1

Achromatopsia
616161

Achromatomaly
5E5E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 5859A1 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 #5859A1 looks like.

```
.text, #text, p{  
    color:#5859A1  
}
```

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 #5859A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5859A1
}
```

Border

The CSS property to change the border of an element to Hex 5859A1 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
#5859A1 }
```

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

```
.border{ border-color:#5859A1 }
```

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

Here you see how a box with a 4 pixel #5859A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5859A1; -webkit-box-shadow:4px 4px  
4px 4px #5859A1; box-shadow:4px 4px 4px  
4px #5859A1 }
```

Background

The CSS property to change the background color of an element to Hex 5859A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5859A1 }
```

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

```
.background{ background-color:#5859A1 }
```

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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