

Converting Colors

Hex(5E829D)

Have a look what the booklet for
Hex(5E829D) contains.

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Color

Hex(5E829D)

Conversions

Conversions Part 1

Format	Color
Hex	5E829D
RGB	94, 130, 157
RGB Percent	37%, 51%, 62%
CMY	0.6314, 0.4902, 0.3843
CMYK	0.40, 0.17, 0.00, 0.38
HSL	206°, 25%, 49%
HSV	206°, 40%, 62%
XYZ	18.6845, 20.7793, 34.9243
YIQ	122.3140, -30.1230, 0.7650

Conversions

Conversions Part 2

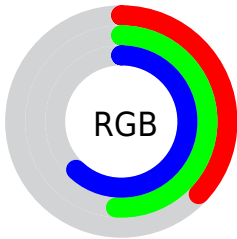
Format	Color
R_{YB}	94, 117, 157
Decimal	6193821
CIE _{Lab}	52.71, -5.42, -18.44
CIE _{LCh}	53, 19.226, 253.611
Yxy	20.7793, 0.2512, 0.2793
Android (android.graphics.Color)	4284383901 (0xFF5E829D)
YUV	122.3140, 17.1002, -24.8314
Hunter-Lab	45.5843, -6.6072, -13.5159

Details

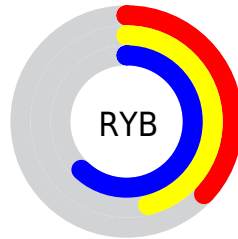
The Hex color **5E829D** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9D795E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **93B7D4**, and **2B516A** is the 20% darker color. If you saturate the color by 10%, you get **4E7B9D**, and if you desaturate by 10%, it is **6E899D**.

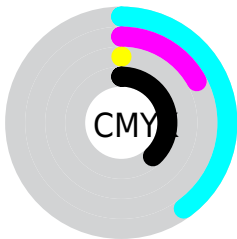
Distribution



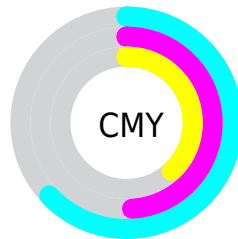
- Red (37%)
- Green (51%)
- Blue (62%)



- Red (37%)
- Yellow (46%)
- Blue (62%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (38%)



- Cyan (63%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E829D 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 5E829D by changing the saturation by 10% instead.

■ 5E829D

■ 5E829D

FFFFFF

■ 446983

■ 93B7D4

■ 2B516A

■ AED2F0

■ 0E3A51

■ CAEFFF

■ 00243A

■ E7FFFF

■ 000F25

■ 00010E

■ 000000

■ 5E829D

■ 5E829D

■ 4E7B9D

■ 6E899D

■ 3F759D

■ 7D8F9D

■ 2F6E9D

■ 8D969D

■ 1F679D

■ 9D9D9D

■ 0F609D

■ ADA49D

■ 005A9D

■ BCAA9D

■ CCB19D

■ DCB89D

■ EBBF9D

Harmonies

Analogous

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



508694



5E829D



747D9E

Triad

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



5E829D



A07277



708466

Complementary

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



5E829D



9D795E

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.



827F5E



5E829D



9D7568

Square

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



5E829D



997388



927A5E



5D8674

Rectangle

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



5E829D



837999



927A5E



768262

Sweetspot

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



5E829D



B4C2CC



5E9D78



586066



E6E6E6



666666

Same Dimension

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



5E829D



6AA2CC



5E639D



474C4F



00528F



00090F

Inverse Universe

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



9D5E82



CC6AA2



9D985E



4F474C



8F0052



0F0009

Previews

White Background



This preview shows how the Hex color 5E829D looks on a white background.

Color Contrast Check

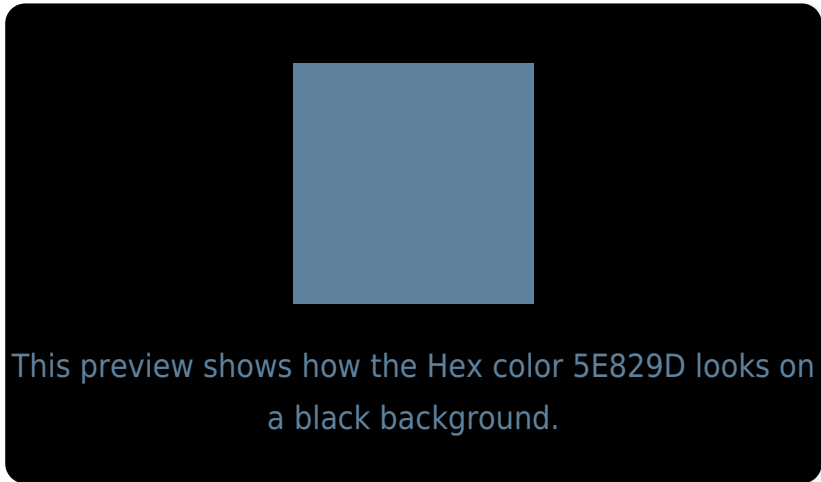
Large Text (above 18pt) WCAG AA ✓ Pass

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

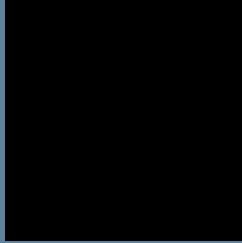
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

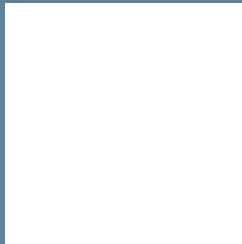
Any Text WCAG AAA × Fail

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

Hex 5E829D Background



This preview shows how black text looks on a background with the Hex color 5E829D.

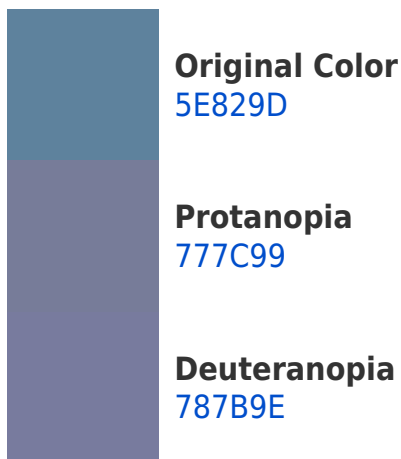



This preview shows how white text looks on a background with the Hex color 5E829D.

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
5A848F

Trichromacy



Original Color
5E829D

Protanomaly
6E7E9A

Deuteranomaly
6F7E9E

Tritanomaly
5B8394

Monochromacy



Original Color
5E829D

Achromatopsia
7A7A7A

Achromatomaly
707D87

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E829D 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 #5E829D looks like.

```
.text, #text, p{  
    color:#5E829D  
}
```

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 #5E829D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E829D
}
```

Border

The CSS property to change the border of an element to Hex 5E829D 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
#5E829D }
```

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

```
.border{ border-color:#5E829D }
```

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

Here you see how a box with a 4 pixel #5E829D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E829D; -webkit-box-shadow:4px 4px  
4px 4px #5E829D; box-shadow:4px 4px 4px  
4px #5E829D }
```

Background

The CSS property to change the background color of an element to Hex 5E829D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E829D }
```

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

```
.background{ background-color:#5E829D }
```

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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