

Converting Colors

Hex(5A5879)

Have a look what the booklet for
Hex(5A5879) contains.

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Color

Hex(5A5879)

Conversions

Conversions Part 1

Format	Color
Hex	5A5879
RGB	90, 88, 121
RGB Percent	35%, 35%, 47%
CMY	0.6471, 0.6549, 0.5255
CMYK	0.26, 0.27, 0.00, 0.53
HSL	244°, 16%, 41%
HSV	244°, 27%, 47%
XYZ	11.1574, 10.5336, 19.5343
YIQ	92.3600, -9.4010, 10.6870

Conversions

Conversions Part 2

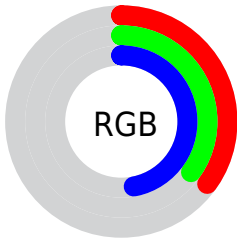
Format	Color
R_{YB}	90, 88, 121
Decimal	5920889
CIE _{Lab}	38.78, 8.68, -18.35
CIE _{LCh}	39, 20.297, 295.327
Yxy	10.5336, 0.2706, 0.2555
Android (android.graphics.Color)	4284110969 (0xFF5A5879)
YUV	92.3600, 14.1195, -2.0697
Hunter-Lab	32.4555, 4.5666, -12.9666

Details

The Hex color **5A5879** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **777958**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8D8AAD**, and **2B2B48** is the 20% darker color. If you saturate the color by 10%, you get **4F4C79**, and if you desaturate by 10%, it is **656479**.

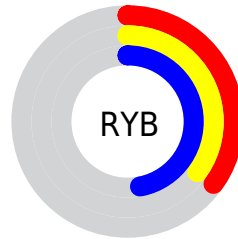
Distribution



Red (35%)

Green (35%)

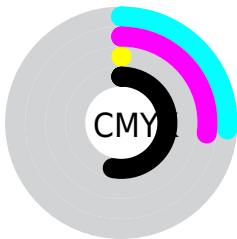
Blue (47%)



Red (35%)

Yellow (35%)

Blue (47%)

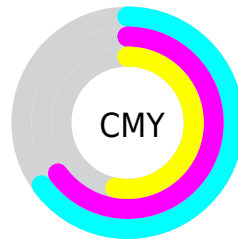


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (53%)



Cyan (65%)

Magenta (65%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5879 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 5A5879 by changing the saturation by 10% instead.

■ 5A5879

■ 5A5879

FFFFFF

■ 424160

■ 8D8AAD

■ 2B2B48

■ A7A4C9

■ 151632

■ C3BFE5

■ 00001D

■ DFDBFF

■ 000000

■ FBF8FF

■ 5A5879

■ 5A5879

■ 4F4C79

■ 656479

■ 434079

■ 717079

■ 383479

■ 7C7C79

■ 2D2879

■ 878879

■ 211B79

■ 939479

■ 160F79

■ 9EA179

■ 0A0379

■ AAAD79

■ 070079

■ B5B979

■ C0C579

Harmonies

Analogous

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



415E7C



5A5879



6E526E

Triad

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



5A5879



765441



326458

Complementary

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



5A5879



777958

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.



456248



5A5879



69593B

Square

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



5A5879



7C504E



585F3D



256469

Rectangle

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



5A5879



775064



585F3D



386452

Sweetspot

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



5A5879



92919E



587779



48474F



CFCFCF



4F4F4F

Same Dimension

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



5A5879



6D6A9E



6A5879



37373D



08007D



0F00FC

Inverse Universe

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



795877



9E6A9B



677958



3D373D



7D0075



FC00ED

Previews

White Background



This preview shows how the Hex color 5A5879 looks on a white background.

Color Contrast Check

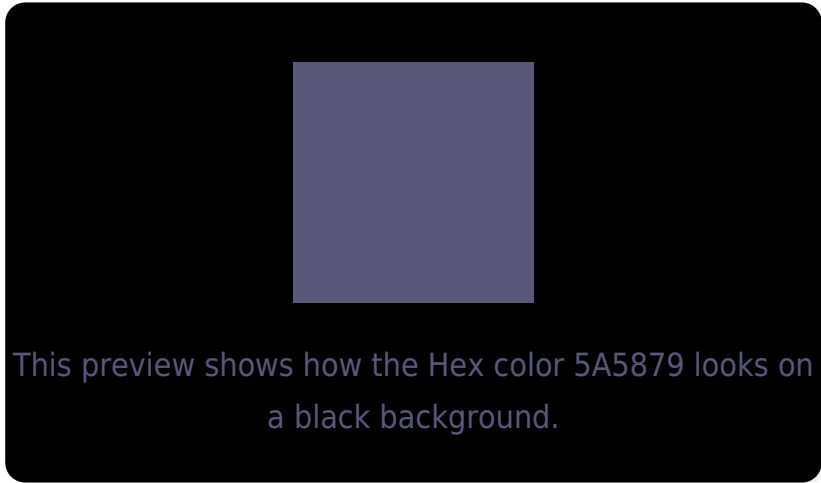
Large Text (above 18pt) WCAG AA ✓ Pass

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

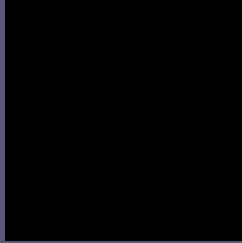
Any Text WCAG AA × Fail

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 5A5879 Background



This preview shows how black text looks on a background with the Hex color 5A5879.



This preview shows how white text looks on a background with the Hex color 5A5879.

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



Original Color
5A5879

Protanopia
525A7B

Deuteranopia
545A79



Tritanopia
565C63

Trichromacy



Original Color

5A5879

Protanomaly

55597A

Deuteranomaly

565979

Tritanomaly

575B6B

Monochromacy



Original Color

5A5879

Achromatopsia

5C5C5C

Achromatomaly

5B5B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5879 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 #5A5879 looks like.

```
.text, #text, p{  
    color:#5A5879  
}
```

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 #5A5879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5879
}
```

Border

The CSS property to change the border of an element to Hex 5A5879 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
#5A5879 }
```

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

```
.border{ border-color:#5A5879 }
```

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

Here you see how a box with a 4 pixel #5A5879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5879; -webkit-box-shadow:4px 4px  
4px 4px #5A5879; box-shadow:4px 4px 4px  
4px #5A5879 }
```

Background

The CSS property to change the background color of an element to Hex 5A5879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5879 }
```

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

```
.background{ background-color:#5A5879 }
```

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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