

Converting Colors

Hex(5E3879)

Have a look what the booklet for
Hex(5E3879) contains.

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Color

Hex(5E3879)

Conversions

Conversions Part 1

Format	Color
Hex	5E3879
RGB	94, 56, 121
RGB Percent	37%, 22%, 47%
CMY	0.6314, 0.7804, 0.5255
CMYK	0.22, 0.54, 0.00, 0.53
HSL	275°, 37%, 35%
HSV	275°, 54%, 47%
XYZ	9.4815, 6.5885, 18.8611
YIQ	74.7720, 1.7830, 28.2710

Conversions

Conversions Part 2

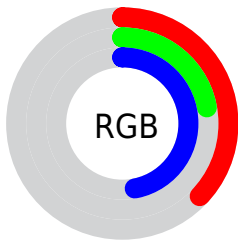
Format	Color
R_{YB}	94, 56, 121
Decimal	6174841
CIE _{Lab}	30.85, 29.95, -30.71
CIE _{LCh}	31, 42.894, 314.277
Yxy	6.5885, 0.2714, 0.1886
Android (android.graphics.Color)	4284364921 (0xFF5E3879)
YUV	74.7720, 22.7904, 16.8630
Hunter-Lab	25.6681, 21.0164, -25.5992

Details

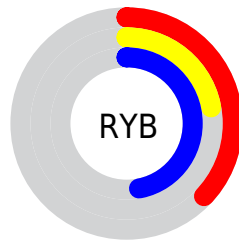
The Hex color **5E3879** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **537938**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9268AE**, and **2D0A48** is the 20% darker color. If you saturate the color by 10%, you get **592C79**, and if you desaturate by 10%, it is **634479**.

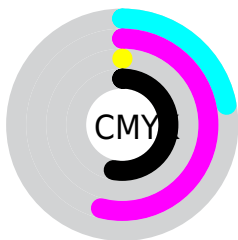
Distribution



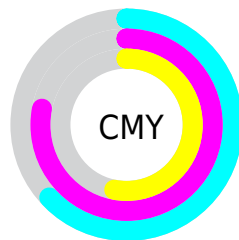
- Red (37%)
- Green (22%)
- Blue (47%)



- Red (37%)
- Yellow (22%)
- Blue (47%)



- Cyan (22%)
- Magenta (54%)
- Yellow (0%)
- Black (53%)



- Cyan (63%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3879 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 5E3879 by changing the saturation by 10% instead.

■ 5E3879

■ 5E3879

FFFFFF

■ 452160

■ 9268AE

■ 2D0A48

■ AD82C9

■ 1B0031

■ C99CE6

■ 00011B

■ E6B7FF

■ 000000

■ FFD3FF

■ FFF0FF

■ 5E3879

■ 5E3879

■ 592C79

■ 634479

■ 542079

■ 685079

■ 4F1479

■ 6D5C79

■ 4A0879

■ 726879

■ 470079

■ 777479

■ 7C8179

■ 818D79

■ 869979

■ 8BA579

Harmonies

Analogous

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



1B478A



5E3879



7B295C

Triad

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



5E3879



674100



005858

Complementary

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



5E3879



537938

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.



005735



5E3879



494C00

Square

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



5E3879



7C321B



215314



005777

Rectangle

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



5E3879



832545



215314



00584D

Sweetspot

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



5E3879



94859E



385379



49404F



CFCFCF



4F4F4F

Same Dimension

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



5E3879



74399E



793874



3B373D



49007D



9400FC

Inverse Universe

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



793853



9E3963



38793D



3D373A



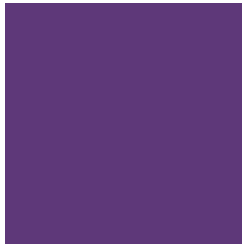
7D0034



FC0069

Previews

White Background



This preview shows how the Hex color 5E3879 looks on a white background.

Color Contrast Check

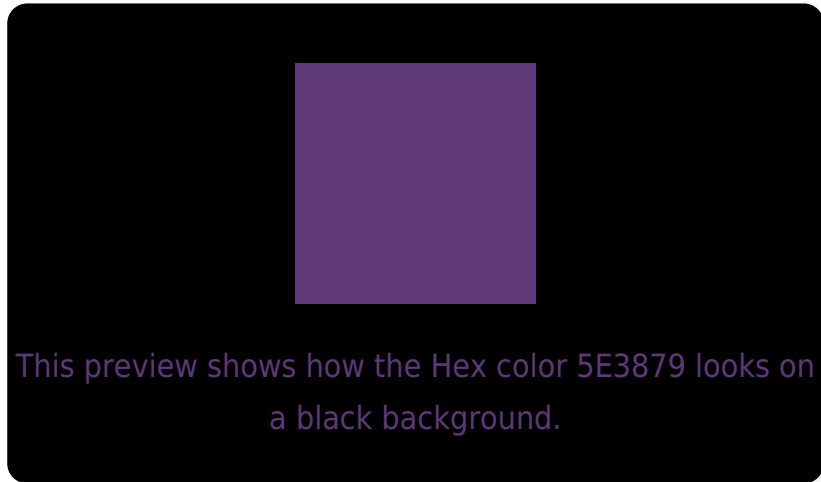
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

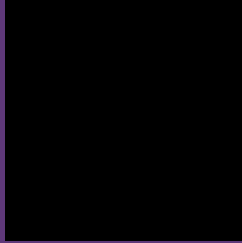
Any Text WCAG AA × Fail

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 5E3879 Background



This preview shows how black text looks on a background with the Hex color 5E3879.

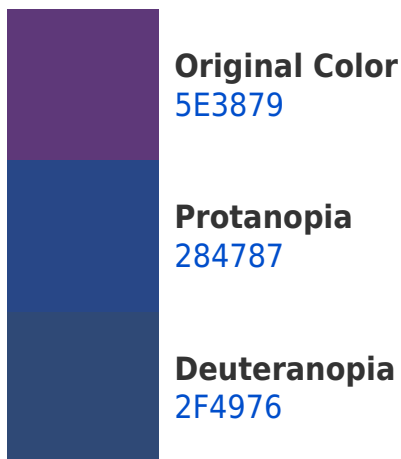


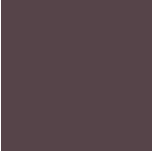
This preview shows how white text looks on a background with the Hex color 5E3879.

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
564449

Trichromacy



Original Color
5E3879

Protanomaly
3C4282

Deuteranomaly
404377

Tritanomaly
59405A

Monochromacy



Original Color
5E3879

Achromatopsia
4B4B4B

Achromatomaly
52445C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3879 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 #5E3879 looks like.

```
.text, #text, p{  
    color:#5E3879  
}
```

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 #5E3879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3879
}
```

Border

The CSS property to change the border of an element to Hex 5E3879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

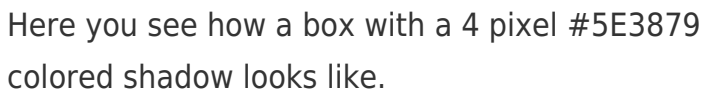
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E3879 }
```

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

```
.border{ border-color:#5E3879 }
```

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



Here you see how a box with a 4 pixel #5E3879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3879; -webkit-box-shadow:4px 4px  
4px 4px #5E3879; box-shadow:4px 4px 4px  
4px #5E3879 }
```

Background

The CSS property to change the background color of an element to Hex 5E3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3879 }
```

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

```
.background{ background-color:#5E3879 }
```

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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