

Converting Colors

Hex(5E4E77)

Have a look what the booklet for
Hex(5E4E77) contains.

Hex(5E4E77)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E4E77)

Conversions

Conversions Part 1

Format	Color
Hex	5E4E77
RGB	94, 78, 119
RGB Percent	37%, 31%, 47%
CMY	0.6314, 0.6941, 0.5333
CMYK	0.21, 0.34, 0.00, 0.53
HSL	263°, 21%, 39%
HSV	263°, 34%, 47%
XYZ	10.6703, 9.1604, 18.6585
YIQ	87.4580, -3.6250, 16.1430

Conversions

Conversions Part 2

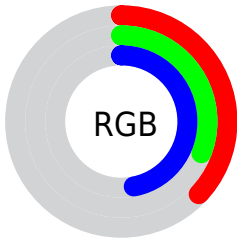
Format	Color
R_{YB}	94, 78, 119
Decimal	6180471
CIE _{Lab}	36.29, 15.81, -20.93
CIE _{LCh}	36, 26.231, 307.064
Yxy	9.1604, 0.2772, 0.2380
Android (android.graphics.Color)	4284370551 (0xFF5E4E77)
YUV	87.4580, 15.5502, 5.7373
Hunter-Lab	30.2661, 9.9641, -15.3649

Details

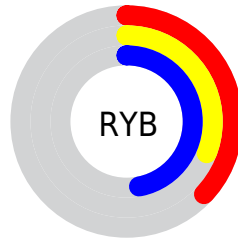
The Hex color **5E4E77** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **67774E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **917FAB**, and **2F2146** is the 20% darker color. If you saturate the color by 10%, you get **574277**, and if you desaturate by 10%, it is **655A77**.

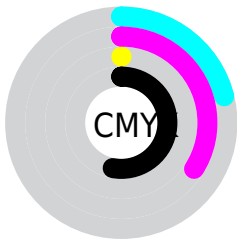
Distribution



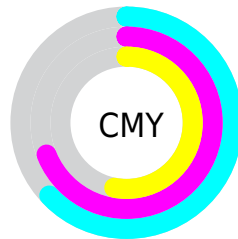
- Red (37%)
- Green (31%)
- Blue (47%)



- Red (37%)
- Yellow (31%)
- Blue (47%)



- Cyan (21%)
- Magenta (34%)
- Yellow (0%)
- Black (53%)



- Cyan (63%)
- Magenta (69%)
- Yellow (53%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4E77 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 5E4E77 by changing the saturation by 10% instead.

■ 5E4E77

■ 5E4E77

FFFFFF

■ 46375E

■ 917FAB

■ 2F2146

■ AC99C7

■ 190D30

■ C7B4E3

■ 00011B

■ E4D0FF

■ 000000

■ FFECFF

■ 5E4E77

■ 5E4E77

■ 574277

■ 655A77

■ 4F3677

■ 6D6677

■ 482A77

■ 747277

■ 411E77

■ 7B7E77

■ 3A1377

■ 828A77

■ 320777

■ 8A9577

■ 2E0077

■ 91A177

■ 98AD77

■ 9FB977

Harmonies

Analogous

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



3D567F



5E4E77



744766

Triad

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



5E4E77



704E2F



00605A

Complementary

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



5E4E77



67774E

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.



2C5F44



5E4E77



5E562B

Square

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



5E4E77



7B483D



475C33



005F6E

Rectangle

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



5E4E77



7B4558



475C33



136053

Sweetspot

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



5E4E77



928C9C



4E6777



49464F



CFCFCF



4F4F4F

Same Dimension

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



5E4E77



755C9C



724E77



37353B



30007A



6200FA

Inverse Universe

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



774E67



9C5C83



53774E



3B3538



7A004B



FA0098

Previews

White Background



This preview shows how the Hex color 5E4E77 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

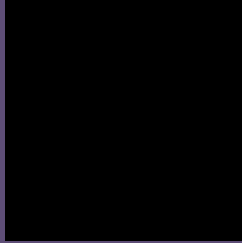
Any Text WCAG AA × Fail

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 5E4E77 Background



This preview shows how black text looks on a background with the Hex color 5E4E77.




This preview shows how white text looks on a background with the Hex color 5E4E77.

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
59545A

Trichromacy



Original Color
5E4E77

Protanomaly
51527A

Deuteranomaly
525276

Tritanomaly
5B5265

Monochromacy



Original Color
5E4E77

Achromatopsia
575757

Achromatomaly
5A5463

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4E77 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 #5E4E77 looks like.

```
.text, #text, p{  
    color:#5E4E77  
}
```

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 #5E4E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4E77  
}
```

Border

The CSS property to change the border of an element to Hex 5E4E77 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  
#5E4E77 }
```

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

```
.border{ border-color:#5E4E77 }
```

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

Here you see how a box with a 4 pixel #5E4E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4E77; -webkit-box-shadow:4px 4px  
4px 4px #5E4E77; box-shadow:4px 4px 4px  
4px #5E4E77 }
```

Background

The CSS property to change the background color of an element to Hex 5E4E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4E77 }
```

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

```
.background{ background-color:#5E4E77 }
```

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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