

Converting Colors

Hex(5E4E90)

Have a look what the booklet for
Hex(5E4E90) contains.

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Color

Hex(5E4E90)

Conversions

Conversions Part 1

Format	Color
Hex	5E4E90
RGB	94, 78, 144
RGB Percent	37%, 31%, 56%
CMY	0.6314, 0.6941, 0.4353
CMYK	0.35, 0.46, 0.00, 0.44
HSL	255°, 30%, 44%
HSV	255°, 46%, 56%
XYZ	12.3745, 9.8421, 27.6331
YIQ	90.3080, -11.6500, 23.9180

Conversions

Conversions Part 2

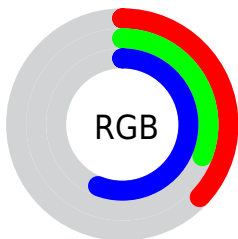
Format	Color
R_{YB}	94, 78, 144
Decimal	6180496
CIE _{Lab}	37.56, 22.56, -34.28
CIE _{LCh}	38, 41.044, 303.351
Yxy	9.8421, 0.2482, 0.1974
Android (android.graphics.Color)	4284370576 (0xFF5E4E90)
YUV	90.3080, 26.4702, 3.2379
Hunter-Lab	31.3721, 15.5071, -30.2632

Details

The Hex color **5E4E90** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **80904E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **927FC6**, and **2C215D** is the 20% darker color. If you saturate the color by 10%, you get **534090**, and if you desaturate by 10%, it is **695C90**.

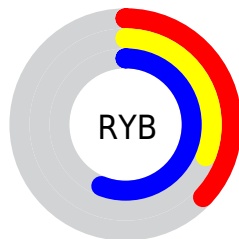
Distribution



Red (37%)

Green (31%)

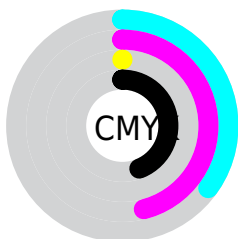
Blue (56%)



Red (37%)

Yellow (31%)

Blue (56%)

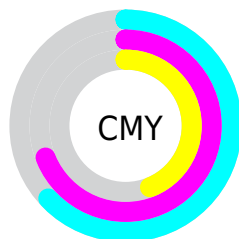


Cyan (35%)

Magenta (46%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (69%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4E90 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 5E4E90 by changing the saturation by 10% instead.

■ 5E4E90

■ 5E4E90

FFFFFF

■ 453776

■ 927FC6

■ 2C215D

■ AE99E2

■ 110D45

■ CAB4FF

■ 00002E

■ E6D0FF

■ 000119

■ FFECFF

■ 000000

■ 5E4E90

■ 5E4E90

■ 534090

■ 695C90

■ 483190

■ 746B90

■ 3D2390

■ 7F7990

■ 321490

■ 8A8890

■ 270690

■ 959690

■ 230090

■ 9FA490

■ AAB390

■ B5C190

■ C0D090

Harmonies

Analogous

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



025B9B



5E4E90



834077

Triad

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



5E4E90



814C1C



00685B

Complementary

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



5E4E90



80904E

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.



056639



5E4E90



66580E

Square

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



5E4E90



913F36



44611C



00687C

Rectangle

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



5E4E90



903A61



44611C



006850

Sweetspot

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



5E4E90



A6A0BA



4E8190



524E5E



DEDEDE



5E5E5E

Same Dimension

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



5E4E90



6D54BA



7E4E90



424047



210087



020008

Inverse Universe

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



904E80



BA54A1



60904E



474046



870066



080006

Previews

White Background



This preview shows how the Hex color 5E4E90 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

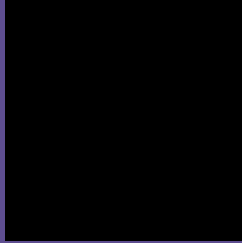
Any Text WCAG AA × Fail

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 5E4E90 Background



This preview shows how black text looks on a background with the Hex color 5E4E90.

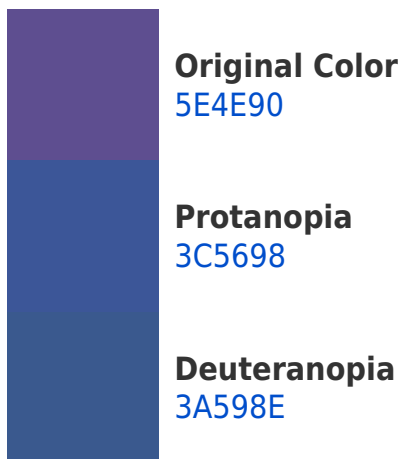



This preview shows how white text looks on a background with the Hex color 5E4E90.

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
545960

Trichromacy



Original Color
5E4E90

Protanomaly
485395

Deuteranomaly
47558F

Tritanomaly
585571

Monochromacy



Original Color
5E4E90

Achromatopsia
5A5A5A

Achromatomaly
5B566E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4E90 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 #5E4E90 looks like.

```
.text, #text, p{  
    color:#5E4E90  
}
```

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 #5E4E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4E90
}
```

Border

The CSS property to change the border of an element to Hex 5E4E90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

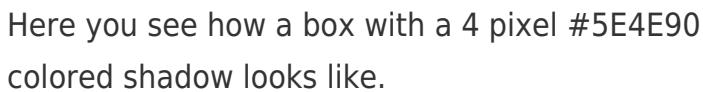
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4E90 }
```

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

```
.border{ border-color:#5E4E90 }
```

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



Here you see how a box with a 4 pixel #5E4E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4E90; -webkit-box-shadow:4px 4px  
4px 4px #5E4E90; box-shadow:4px 4px 4px  
4px #5E4E90 }
```

Background

The CSS property to change the background color of an element to Hex 5E4E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4E90 }
```

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

```
.background{ background-color:#5E4E90 }
```

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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