

# Converting Colors

Hex(5E4B6A)

Have a look what the booklet for  
Hex(5E4B6A) contains.

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# Color

**Hex(5E4B6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E4B6A
RGB	94, 75, 106
RGB Percent	37%, 29%, 42%
CMY	0.6314, 0.7059, 0.5843
CMYK	0.11, 0.29, 0.00, 0.58
HSL	277°, 17%, 35%
HSV	277°, 29%, 42%
XYZ	9.7337, 8.4524, 14.7541
YIQ	84.2150, 1.3730, 13.6690

# Conversions

## Conversions Part 2

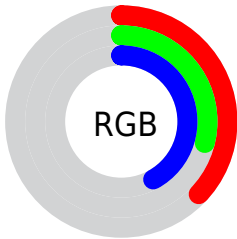
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 75, 106
Decimal	6179690
CIE <sub>Lab</sub>	34.91, 14.50, -14.95
CIE <sub>LCh</sub>	35, 20.828, 314.113
Yxy	8.4524, 0.2955, 0.2566
Android (android.graphics.Color)	4284369770 (0xFF5E4B6A)
YUV	84.2150, 10.7400, 8.5814
Hunter-Lab	29.0731, 8.8840, -9.7376

# Details

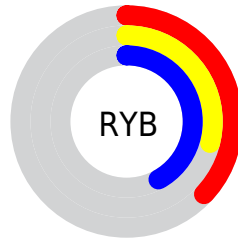
The Hex color **5E4B6A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **576A4B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **917C9D**, and **2F1F3B** is the 20% darker color. If you saturate the color by 10%, you get **5A406A**, and if you desaturate by 10%, it is **62566A**.

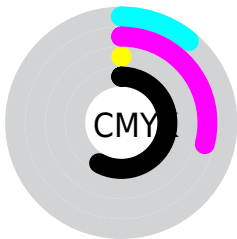
# Distribution



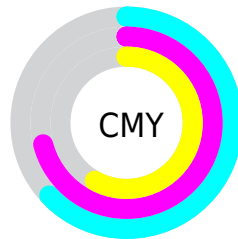
- Red (37%)
- Green (29%)
- Blue (42%)



- Red (37%)
- Yellow (29%)
- Blue (42%)



- Cyan (11%)
- Magenta (29%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (71%)
- Yellow (58%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E4B6A 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 5E4B6A by changing the saturation by 10% instead.





5E4B6A



5E4B6A

FFFFFF



463452



917C9D



2F1F3B



AB96B8



1B0825



C7B1D4



00010E



E3CCF0



000000



FFE8FF



5E4B6A



5E4B6A



5A406A



62566A



56366A



66606A

522B6A

6A6B6A

4E216A

6E756A

49166A

73806A

450B6A

778B6A

41016A

7B956A

41006A

7FA06A

83AA6A

# Harmonies

## Analogous

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



475172



5E4B6A



6D465C

# Triad

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



5E4B6A



654E32



1A5B5A

# Complementary

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



5E4B6A



576A4B

# 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.



2F5A48



5E4B6A



555432

# Square

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



5E4B6A



70493C



43583A



165A69

# Rectangle

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



5E4B6A



724550



43583A



215B54



# Sweetspot

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



5E4B6A



857D8A



4B576A



423D45



C4C4C4



454545



# Same Dimension

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



5E4B6A



775A8A



6A4B67



333036



480075



9600F5



# Inverse Universe

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



6A4B57



8A5A6C



4B6A4E



363032



75002D



F5005F



# Previews

## White Background



This preview shows how the Hex color 5E4B6A looks on a white background.

## Color Contrast Check

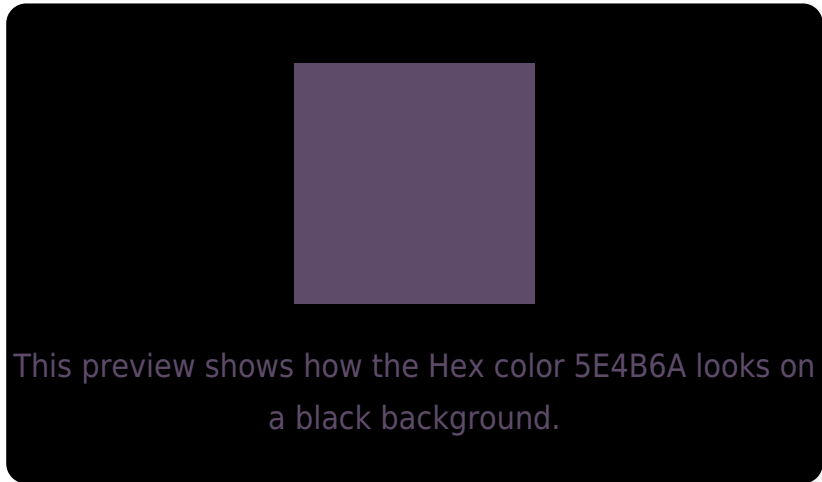
Large Text (above 18pt) WCAG AA ✓ Pass

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

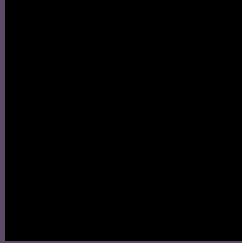
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E4B6A Background



This preview shows how black text looks on a background with the Hex color 5E4B6A.

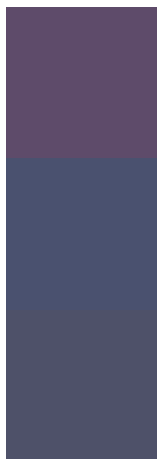


This preview shows how white text looks on a background with the Hex color 5E4B6A.

# 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**  
5E4B6A

**Protanopia**  
4A516F

**Deuteranopia**  
4E5169



**Tritanopia**  
5B4F55

# Trichromacy



**Original Color**  
5E4B6A

**Protanomaly**  
514F6D

**Deuteranomaly**  
544F69

**Tritanomaly**  
5C4E5D

# Monochromacy



**Original Color**  
5E4B6A

**Achromatopsia**  
545454

**Achromatomaly**  
58515C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E4B6A 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 #5E4B6A looks like.

```
.text, #text, p{  
    color:#5E4B6A  
}
```

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 #5E4B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4B6A
}
```

## Border

The CSS property to change the border of an element to Hex 5E4B6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

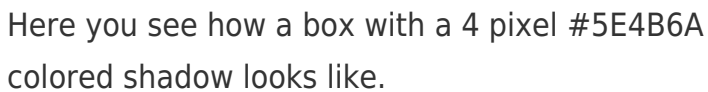
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4B6A }
```

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

```
.border{ border-color:#5E4B6A }
```

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



Here you see how a box with a 4 pixel #5E4B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4B6A; -webkit-box-shadow:4px 4px  
4px 4px #5E4B6A; box-shadow:4px 4px 4px  
4px #5E4B6A }
```

# Background

The CSS property to change the background color of an element to Hex 5E4B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4B6A }
```

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

```
.background{ background-color:#5E4B6A }
```

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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