

# Converting Colors

Hex(5A4860)

Have a look what the booklet for  
Hex(5A4860) contains.

<b>Hex(5A4860)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5A4860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A4860
RGB	90, 72, 96
RGB Percent	35%, 28%, 38%
CMY	0.6471, 0.7176, 0.6235
CMYK	0.06, 0.25, 0.00, 0.62
HSL	285°, 14%, 33%
HSV	285°, 25%, 38%
XYZ	8.6451, 7.6529, 12.0878
YIQ	80.1180, 3.0240, 11.2800

# Conversions

## Conversions Part 2

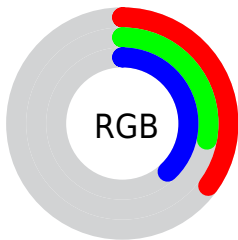
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 72, 96
Decimal	5916768
CIE <sub>Lab</sub>	33.25, 12.58, -11.21
CIE <sub>LCh</sub>	33, 16.850, 318.295
Yxy	7.6529, 0.3046, 0.2696
Android (android.graphics.Color)	4284106848 (0xFF5A4860)
YUV	80.1180, 7.8298, 8.6665
Hunter-Lab	27.6639, 7.3705, -6.5422

# Details

The Hex color **5A4860** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E6048**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8C7993**, and **2C1C32** is the 20% darker color. If you saturate the color by 10%, you get **583E60**, and if you desaturate by 10%, it is **5C5260**.

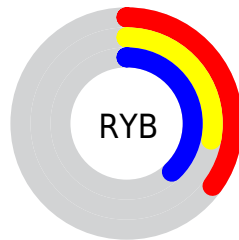
# Distribution



Red (35%)

Green (28%)

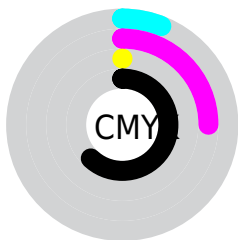
Blue (38%)



Red (35%)

Yellow (28%)

Blue (38%)

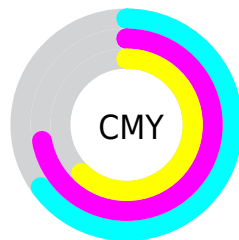


Cyan (6%)

Magenta (25%)

Yellow (0%)

Black (62%)



Cyan (65%)

Magenta (72%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A4860 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 5A4860 by changing the saturation by 10% instead.



■ 5A4860

■ 5A4860

FFFFFF

■ 423148

■ 8C7993

■ 2C1C32

■ A792AD

■ 19031D

■ C2ADC9

■ 000000

■ DEC8E5

■ FBE4FF

■ 5A4860

■ 5A4860

■ 583E60

■ 5C5260

■ 553560

■ 5F5B60

532B60

616560

502260

646E60

4E1860

667860

4C0E60

688260

490560

6B8B60

480060

6D9560

709E60

# Harmonies

## Analogous

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



494D67



5A4860



654554

# Triad

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



5A4860



5C4C34



255656

# Complementary

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



5A4860



4E6048

# 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.



315548



5A4860



4F5035

# Square

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



5A4860



66473B



40533C



265462

# Rectangle

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



5A4860



69444B



40533C



285652



# Sweetspot

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



5A4860



7A737D



484E60



3E3940



BFBFBF



404040



# Same Dimension

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



5A4860



74577D



60485A



2F2C30



540070



B400F0



# Inverse Universe

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



60484E



7D5761



48604E



302C2D



70001C



F0003C



# Previews

## White Background



This preview shows how the Hex color 5A4860 looks on a white background.

## Color Contrast Check

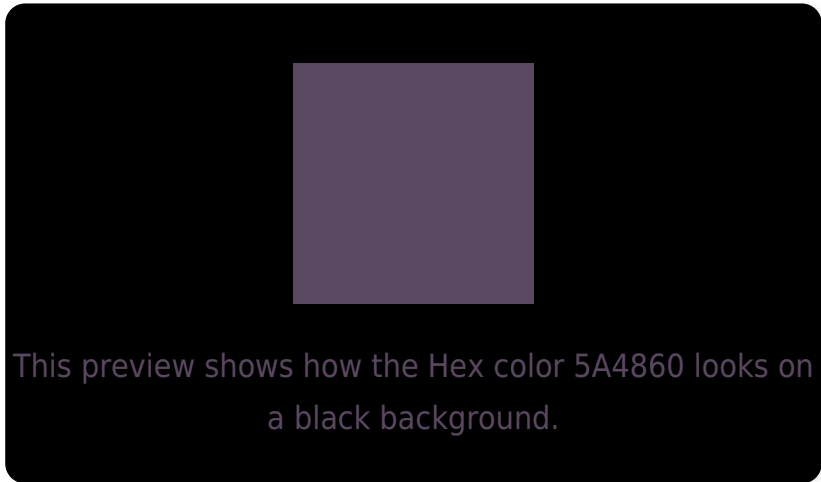
Large Text (above 18pt) WCAG AA ✓ Pass

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

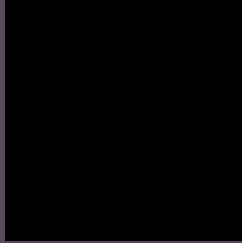
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A4860 Background



This preview shows how black text looks on a background with the Hex color 5A4860.

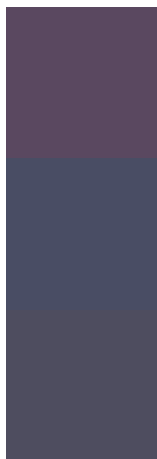


This preview shows how white text looks on a background with the Hex color 5A4860.

# 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**

5A4860

**Protanopia**

494D64

**Deuteranopia**

4E4D5F



**Tritanopia**  
584B51

# Trichromacy



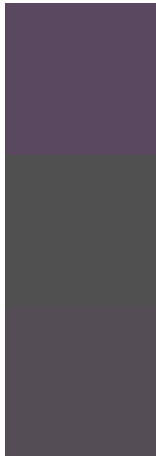
**Original Color**  
5A4860

**Protanomaly**  
4F4B63

**Deuteranomaly**  
524B5F

**Tritanomaly**  
594A56

# Monochromacy



**Original Color**  
5A4860

**Achromatopsia**  
505050

**Achromatomaly**  
544D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A4860 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 #5A4860 looks like.

```
.text, #text, p{  
    color:#5A4860  
}
```

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 #5A4860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4860
}
```

## Border

The CSS property to change the border of an element to Hex 5A4860 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
#5A4860 }
```

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

```
.border{ border-color:#5A4860 }
```

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

Here you see how a box with a 4 pixel #5A4860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4860; -webkit-box-shadow:4px 4px  
4px 4px #5A4860; box-shadow:4px 4px 4px  
4px #5A4860 }
```

# Background

The CSS property to change the background color of an element to Hex 5A4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4860 }
```

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

```
.background{ background-color:#5A4860 }
```

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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