

# Converting Colors

Hex(5A4B5B)

Have a look what the booklet for  
Hex(5A4B5B) contains.

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# Color

Hex(5A4B5B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A4B5B
RGB	90, 75, 91
RGB Percent	35%, 29%, 36%
CMY	0.6471, 0.7059, 0.6431
CMYK	0.01, 0.18, 0.00, 0.64
HSL	296°, 10%, 33%
HSV	296°, 18%, 36%
XYZ	8.6209, 7.9611, 10.9798
YIQ	81.3090, 3.8040, 8.1560

# Conversions

## Conversions Part 2

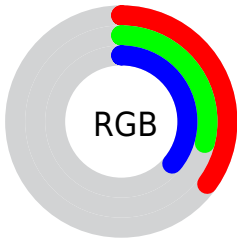
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 75, 91
Decimal	5917531
CIELab	33.90, 9.56, -7.05
CIELCh	34, 11.878, 323.569
Yxy	7.9611, 0.3128, 0.2888
Android (android.graphics.Color)	4284107611 (0xFF5A4B5B)
YUV	81.3090, 4.7777, 7.6220
Hunter-Lab	28.2155, 5.1611, -3.3213




# Details

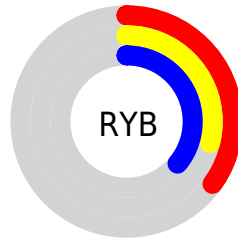
The Hex color **5A4B5B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4C5B4B**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **8C7C8D**, and **2C1F2D** is the 20% darker color. If you saturate the color by 10%, you get **59425B**, and if you desaturate by 10%, it is **5B545B**.

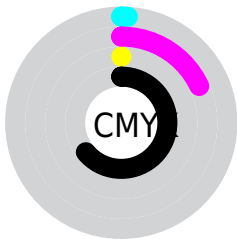
# Distribution







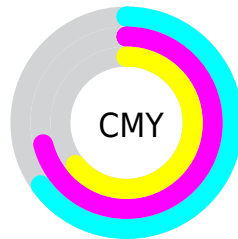
-  Red (35%)
-  Green (29%)
-  Blue (36%)






-  Red (35%)
-  Yellow (29%)
-  Blue (36%)



-  Cyan (1%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (65%)
-  Magenta (71%)
-  Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A4B5B 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 5A4B5B by changing the saturation by 10% instead.



■ 5A4B5B

■ 5A4B5B

FFFFFF

■ 423444

■ 8C7C8D

■ 2C1F2D

■ A796A8

■ 180719

■ C2B0C3

■ 000000

■ DECCDF

■ FAE8FB

■ 5A4B5B

■ 5A4B5B

■ 59425B

■ 5B545B

■ 59395B

■ 5B5D5B

■ 58305B

■ 5C665B

■ 58275B

■ 5C6F5B

■ 571E5B

■ 5D795B

■ 57145B

■ 5D825B

■ 560B5B

■ 5E8B5B

■ 55025B

■ 5F945B

■ 55005B

■ 5F9D5B

# Harmonies

## Analogous

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



4F4E61



5A4B5B



614952

# Triad

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



5A4B5B



594E3D



365557

# Complementary

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



5A4B5B



4C5B4B

# 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.



3B554D



5A4B5B



4F513E

# Square

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



5A4B5B



604B41



445444



38545F

# Rectangle

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



5A4B5B



63494C



445444



375554



# Sweetspot

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



5A4B5B



756F75



4B4C5B



3A373B



BABABA



3B3B3B



# Same Dimension

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



5A4B5B



745D75



5B4B54



2E292E



67006E



DE00ED



# Inverse Universe

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



5B4B4C



755D5E



4B5B52



2E292A



6E0007



ED000F



# Previews

## White Background



This preview shows how the Hex color 5A4B5B looks on a white background.

## Color Contrast Check

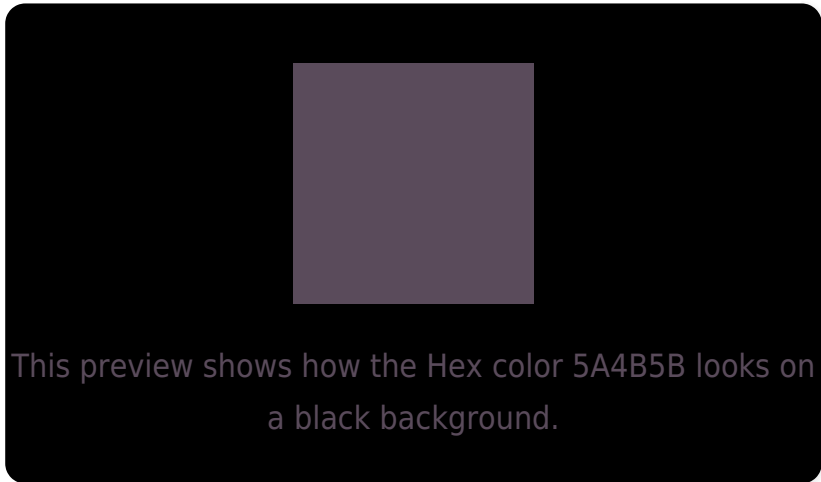
Large Text (above 18pt) WCAG AA ✓ Pass

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

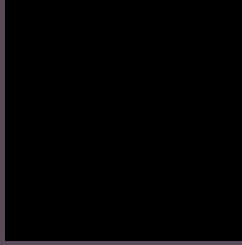
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A4B5B Background



This preview shows how black text looks on a background with the Hex color 5A4B5B.



This preview shows how white text looks on a background with the Hex color 5A4B5B.

# 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**  
5A4B5B

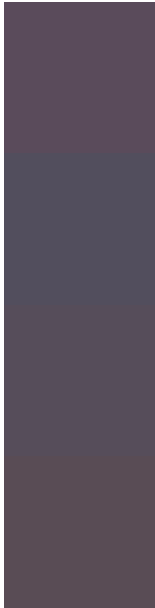
**Protanopia**  
4D4F5E

**Deuteranopia**  
534E5A



**Tritanopia**  
594C52

# Trichromacy



**Original Color**

5A4B5B

**Protanomaly**

524E5D

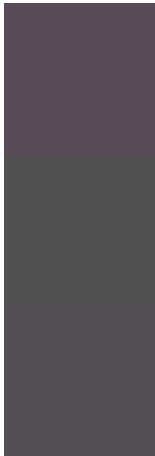
**Deuteranomaly**

564D5A

**Tritanomaly**

594C55

# Monochromacy



**Original Color**

5A4B5B

**Achromatopsia**

515151

**Achromatomaly**

544F55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A4B5B 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 #5A4B5B looks like.

```
.text, #text, p{  
    color:#5A4B5B  
}
```

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 #5A4B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4B5B
}
```

## Border

The CSS property to change the border of an element to Hex 5A4B5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

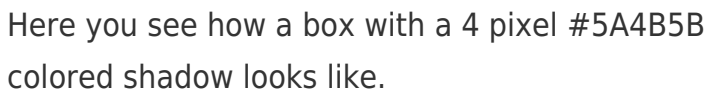
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4B5B }
```

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

```
.border{ border-color:#5A4B5B }
```

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



Here you see how a box with a 4 pixel #5A4B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4B5B; -webkit-box-shadow:4px 4px  
4px 4px #5A4B5B; box-shadow:4px 4px 4px  
4px #5A4B5B }
```

# Background

The CSS property to change the background color of an element to Hex 5A4B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4B5B }
```

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

```
.background{ background-color:#5A4B5B }
```

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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