

# Converting Colors

Hex(5A515A)

Have a look what the booklet for  
Hex(5A515A) contains.

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# Color

Hex(5A515A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A515A
RGB	90, 81, 90
RGB Percent	35%, 32%, 35%
CMY	0.6471, 0.6824, 0.6471
CMYK	0.00, 0.10, 0.00, 0.65
HSL	300°, 5%, 34%
HSV	300°, 10%, 35%
XYZ	9.0043, 8.7967, 10.8962
YIQ	84.7170, 2.4750, 4.7070

# Conversions

## Conversions Part 2

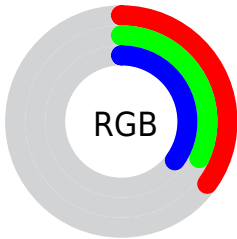
Format	Color
<a href="#">RYB</a>	<a href="#">90, 81, 90</a>
Decimal	<a href="#">5919066</a>
CIELab	<a href="#">35.59, 5.56, -3.91</a>
CIElCh	<a href="#">36, 6.798, 324.925</a>
Yxy	<a href="#">8.7967, 0.3138, 0.3065</a>
Android (android.graphics.Color)	<a href="#">4284109146</a> ( <a href="#">0xFF5A515A</a> )
YUV	<a href="#">84.7170, 2.6045, 4.6332</a>
Hunter-Lab	<a href="#">29.6592, 2.2877, -1.0205</a>

# Details

The Hex color **5A515A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **515A51**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8C828C**, and **2C242C** is the 20% darker color. If you saturate the color by 10%, you get **5A485A**, and if you desaturate by 10%, it is **5A5A5A**.

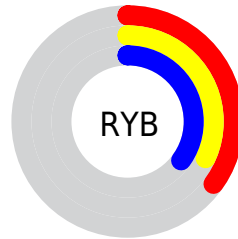
# Distribution



Red (35%)

Green (32%)

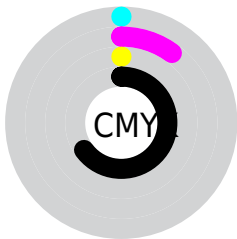
Blue (35%)



Red (35%)

Yellow (32%)

Blue (35%)

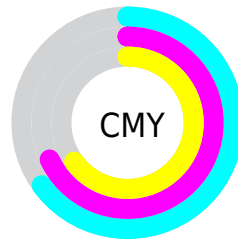


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (65%)



Cyan (65%)

Magenta (68%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A515A 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 5A515A by changing the saturation by 10% instead.





5A515A



5A515A

FFFFFF



433A43



8C828C



2C242C



A69CA6



181018



C2B7C1



000000



DDD3DD



FAEFA



5A515A



5A515A



5A485A



5A5A5A



5A3F5A



5A635A

■ 5A365A

■ 5A6C5A

■ 5A2D5A

■ 5A755A

■ 5A245A

■ 5A7E5A

■ 5A1B5A

■ 5A875A

■ 5A125A

■ 5A905A

■ 5A095A

■ 5A995A

■ 5A005A

■ 5AA25A

# Harmonies

## Analogous

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



54535D



5A515A



5E5055

# Triad

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



5A515A



595349



465758

# Complementary

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



5A515A



515A51

# 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.



485753



5A515A



53554A

# Square

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



5A515A



5E514B



4D564D



48565C

# Rectangle

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



5A515A



5F5051



4D564D



465756



# Sweetspot

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



5A515A



757275



51515A



3B383B



BABABA



3B3B3B



# Same Dimension

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



5A515A



756775



5A5156



2E292E



6E006E



ED00ED



# Inverse Universe

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



5A515A



756775



515A56



2E292E



6E006E



ED00ED



# Previews

## White Background



This preview shows how the Hex color 5A515A looks on a white background.

## Color Contrast Check

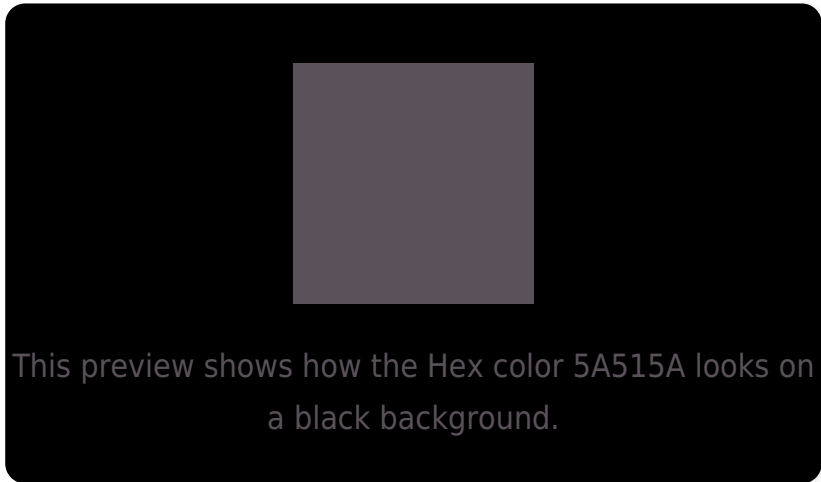
Large Text (above 18pt) WCAG AA ✓ Pass

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

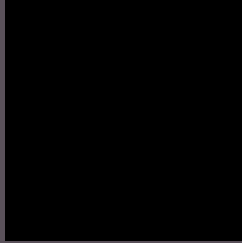
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A515A Background



This preview shows how black text looks on a background with the Hex color 5A515A.

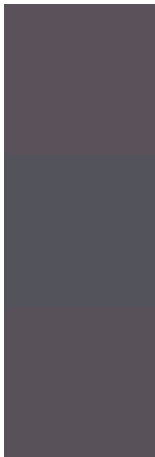


This preview shows how white text looks on a background with the Hex color 5A515A.

# 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**  
5A515A

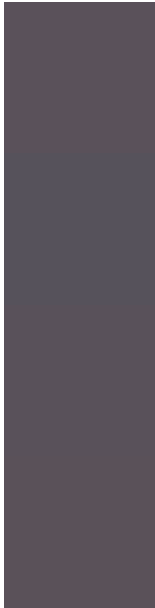
**Protanopia**  
53535B

**Deuteranopia**  
59515A



**Tritanopia**  
5A5158

# Trichromacy



**Original Color**

5A515A

**Protanomaly**

56525B

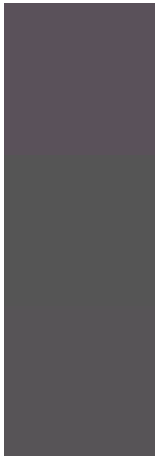
**Deuteranomaly**

59515A

**Tritanomaly**

5A5159

# Monochromacy



**Original Color**

5A515A

**Achromatopsia**

555555

**Achromatomaly**

575457

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A515A 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 #5A515A looks like.

```
.text, #text, p{  
    color:#5A515A  
}
```

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 #5A515A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A515A
}
```

## Border

The CSS property to change the border of an element to Hex 5A515A is called "border". The border property can be set on classes, ids or directly on the HTML element.

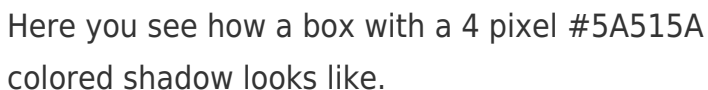
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A515A }
```

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

```
.border{ border-color:#5A515A }
```

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



Here you see how a box with a 4 pixel #5A515A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A515A; -webkit-box-shadow:4px 4px  
4px 4px #5A515A; box-shadow:4px 4px 4px  
4px #5A515A }
```

# Background

The CSS property to change the background color of an element to Hex 5A515A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A515A }
```

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

```
.background{ background-color:#5A515A }
```

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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