

# Converting Colors

Hex(59545B)

Have a look what the booklet for  
Hex(59545B) contains.

<b>Hex(59545B)</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(59545B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	59545B
RGB	89, 84, 91
RGB Percent	35%, 33%, 36%
CMY	0.6510, 0.6706, 0.6431
CMYK	0.02, 0.08, 0.00, 0.64
HSL	283°, 4%, 34%
HSV	283°, 8%, 36%
XYZ	9.1785, 9.2198, 11.1934
YIQ	86.2930, 0.7330, 3.2370

# Conversions

## Conversions Part 2

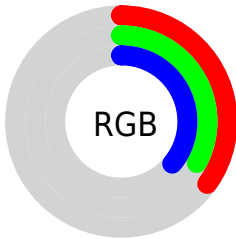
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	89, 84, 91
Decimal	5854299
CIE Lab	36.40, 3.51, -3.34
CIE LCh	36, 4.847, 316.459
Yxy	9.2198, 0.3102, 0.3116
Android (android.graphics.Color)	4284044379 (0xFF59545B)
YUV	86.2930, 2.3206, 2.3740
Hunter-Lab	30.3642, 0.8197, -0.6016




# Details

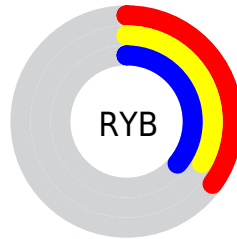
The Hex color **59545B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **565B54**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **8B858D**, and **2C272D** is the 20% darker color. If you saturate the color by 10%, you get **564B5B**, and if you desaturate by 10%, it is **5C5D5B**.

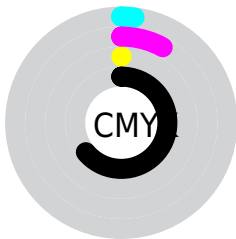
# Distribution







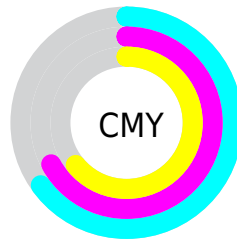
-  Red (35%)
-  Green (33%)
-  Blue (36%)






-  Red (35%)
-  Yellow (33%)
-  Blue (36%)



-  Cyan (2%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (65%)
-  Magenta (67%)
-  Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59545B 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 59545B by changing the saturation by 10% instead.



■ 59545B

■ 59545B

FFFFFF

■ 423D44

■ 8B858D

■ 2C272D

■ A5A0A7

■ 171319

■ C0BBC3

■ 000000

■ DCD6DF

■ F9F3FB

■ 59545B

■ 59545B

■ 564B5B

■ 5C5D5B

■ 54425B

■ 5E665B

51395B

616F5B

4F305B

63785B

4C275B

66825B

491D5B

698B5B

47145B

6B945B

440B5B

6E9D5B

42025B

70A65B

# Harmonies

## Analogous

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



54555D



59545B



5D5358

# Triad

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



59545B



5B554E



4C5858

# Complementary

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



59545B



565B54

# 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.



4E5854



59545B



57564E

# Square

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



59545B



5D5450



525750



4D575B

# Rectangle

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



59545B



5E5355



525750



4D5856



# Sweetspot

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



59545B



757375



54565B



3A393B



BABABA



3B3B3B



# Same Dimension

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



59545B



726B75



5B545A



2D292E



4E006E



A900ED



# Inverse Universe

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



5B5456



756B6E



545B55



2E292B



6E001F



ED0044



# Previews

## White Background



This preview shows how the Hex color 59545B looks on a white background.

## Color Contrast Check

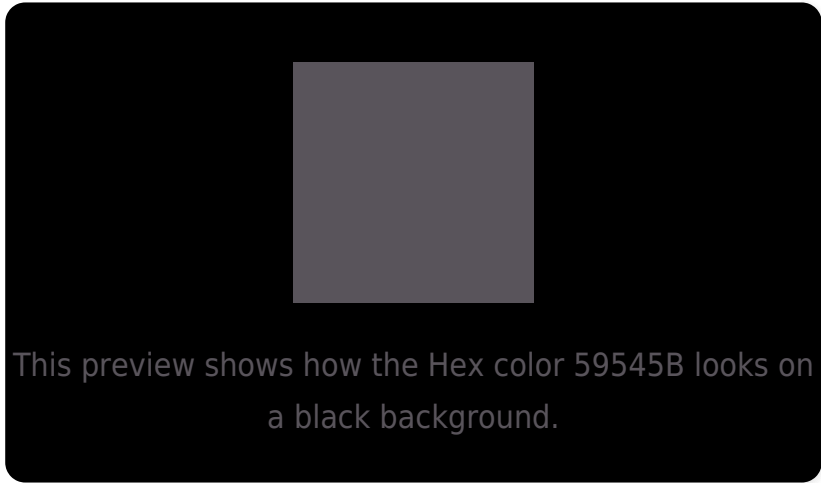
Large Text (above 18pt) WCAG AA ✓ Pass

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

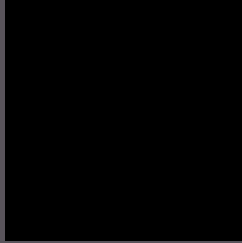
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 59545B Background



This preview shows how black text looks on a background with the Hex color 59545B.



This preview shows how white text looks on a background with the Hex color 59545B.

# 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**  
59545B

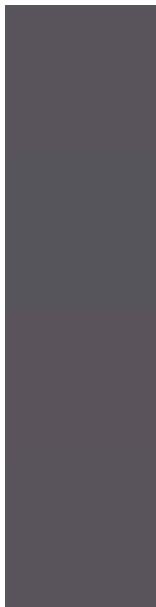
**Protanopia**  
55555C

**Deuteranopia**  
5B535B



**Tritanopia**  
59545B

# Trichromacy



**Original Color**

59545B

**Protanomaly**

56555C

**Deuteranomaly**

5A535B

**Tritanomaly**

59545B

# Monochromacy



**Original Color**

59545B

**Achromatopsia**

565656

**Achromatomaly**

575558

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59545B 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 #59545B looks like.

```
.text, #text, p{  
    color:#59545B  
}
```

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 #59545B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59545B
}
```

## Border

The CSS property to change the border of an element to Hex 59545B is called "border". The border property can be set on classes, ids or directly on the HTML element.

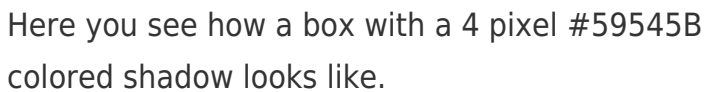
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59545B }
```

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

```
.border{ border-color:#59545B }
```

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



Here you see how a box with a 4 pixel #59545B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59545B; -webkit-box-shadow:4px 4px  
4px 4px #59545B; box-shadow:4px 4px 4px  
4px #59545B }
```

# Background

The CSS property to change the background color of an element to Hex 59545B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59545B }
```

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

```
.background{ background-color:#59545B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor