

# Converting Colors

Hex(575B5B)

Have a look what the booklet for  
Hex(575B5B) contains.

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# Color

Hex(575B5B)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 575B5B                    |
| RGB         | 87, 91, 91                |
| RGB Percent | 34%, 36%, 36%             |
| CMY         | 0.6588, 0.6431, 0.6431    |
| CMYK        | 0.04, 0.00, 0.00, 0.64    |
| HSL         | 180°, 2%, 35%             |
| HSV         | 180°, 4%, 36%             |
| XYZ         | 9.5599, 10.2637, 11.3748  |
| YIQ         | 89.8040, -2.3840, -0.8480 |

# Conversions

## Conversions Part 2

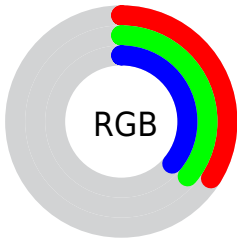
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 87, 89, 91                  |
| Decimal                             | 5725019                     |
| CIE Lab                             | 38.31, -1.57, -0.55         |
| CIE LCh                             | 38, 1.669, 199.368          |
| Yxy                                 | 10.2637, 0.3064,<br>0.3290  |
| Android<br>(android.graphics.Color) | 4283915099<br>(0xFF575B5B)  |
| YUV                                 | 89.8040, 0.5896,<br>-2.4591 |
| Hunter-Lab                          | 32.0371, -2.8003,<br>1.3750 |

# Details

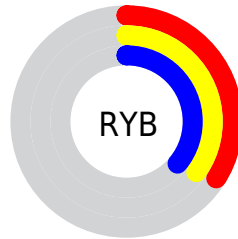
The Hex color **575B5B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B5757**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **898D8D**, and **2A2D2D** is the 20% darker color. If you saturate the color by 10%, you get **4E5B5B**, and if you desaturate by 10%, it is **605B5B**.

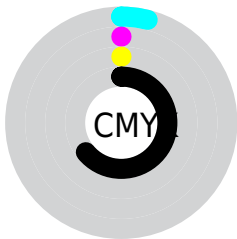
# Distribution



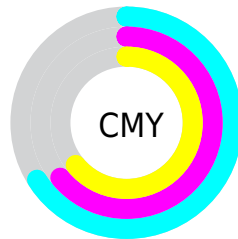
- Red (34%)
- Green (36%)
- Blue (36%)



- Red (34%)
- Yellow (35%)
- Blue (36%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (64%)



- Cyan (66%)
- Magenta (64%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 575B5B 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 575B5B by changing the saturation by 10% instead.





575B5B



575B5B

FFFFFF



404444



898D8D



2A2D2D



A3A7A7



151919



BEC3C3



000000



DADDFD



F6FBFB



575B5B



575B5B



4E5B5B



605B5B



455B5B



695B5B

■ 3C5B5B

■ 725B5B

■ 335B5B

■ 7B5B5B

■ 2A5B5B

■ 855B5B

■ 205B5B

■ 8E5B5B

■ 175B5B

■ 975B5B

■ 0E5B5B

■ A05B5B

■ 055B5B

■ A95B5B

# Harmonies

## Analogous

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



585B5A



575B5B



575B5C

# Triad

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



575B5B



5C5A5C



5C5A58

# Complementary

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



575B5B



5B5757

# 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.



5D5A58



575B5B



5D595B

# Square

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



575B5B



5A5A5D



5D5959



5A5A58

# Rectangle

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



575B5B



585B5D



5D5959



5C5A58



# Sweetspot

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



575B5B



747575



575B57



3A3B3B



BABABA



3B3B3B



# Same Dimension

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



575B5B



6F7575



57595B



2B2E2E



006E6E



00EDED



# Inverse Universe

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



5B575B



756F75



5B5957



2E2B2E



6E006E



ED00ED



# Previews

## White Background



This preview shows how the Hex color 575B5B looks on a white background.

## Color Contrast Check

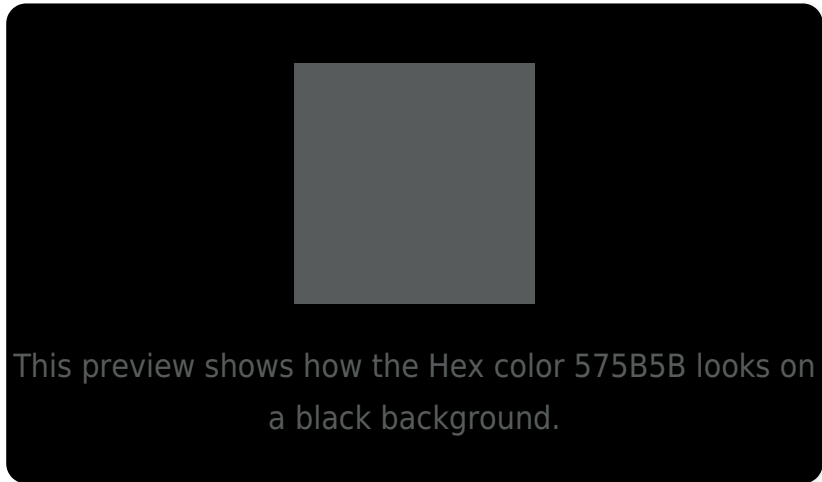
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

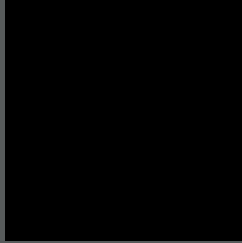
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

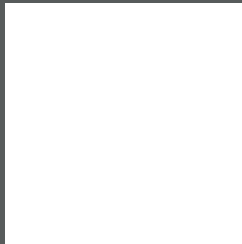
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 575B5B Background



This preview shows how black text looks on a background with the Hex color 575B5B.



This preview shows how white text looks on a background with the Hex color 575B5B.

# 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**  
575B5B

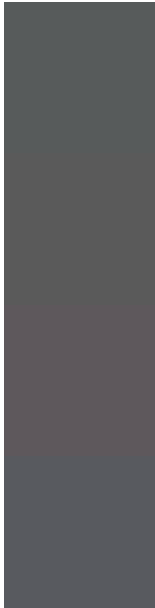
**Protanopia**  
5C5A5A

**Deuteranopia**  
62575C



**Tritanopia**  
585A61

# Trichromacy



**Original Color**

575B5B

**Protanomaly**

5A5A5A

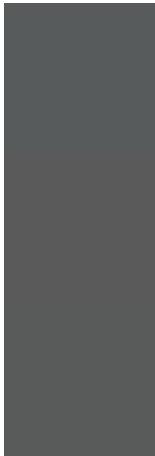
**Deuteranomaly**

5E585C

**Tritanomaly**

585A5F

# Monochromacy



**Original Color**

575B5B

**Achromatopsia**

5A5A5A

**Achromatomaly**

595A5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 575B5B 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 #575B5B looks like.

```
.text, #text, p{  
    color:#575B5B  
}
```

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 #575B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575B5B  
}
```

## Border

The CSS property to change the border of an element to Hex 575B5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

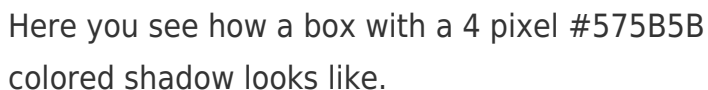
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#575B5B }
```

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

```
.border{ border-color:#575B5B }
```

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



Here you see how a box with a 4 pixel `#575B5B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575B5B; -webkit-box-shadow:4px 4px  
4px 4px #575B5B; box-shadow:4px 4px 4px  
4px #575B5B }
```

# Background

The CSS property to change the background color of an element to Hex 575B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575B5B }
```

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

```
.background{ background-color:#575B5B }
```

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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