

# Converting Colors

Hex(5B5252)

Have a look what the booklet for  
Hex(5B5252) contains.

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# Color

Hex(5B5252)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B5252
RGB	91, 82, 82
RGB Percent	36%, 32%, 32%
CMY	0.6431, 0.6784, 0.6784
CMYK	0.00, 0.10, 0.10, 0.64
HSL	0°, 5%, 34%
HSV	0°, 10%, 36%
XYZ	8.8547, 8.8679, 9.2276
YIQ	84.6910, 5.3640, 1.9080

# Conversions

## Conversions Part 2

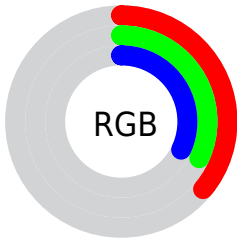
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 82, 82
Decimal	5984850
CIELab	35.73, 3.69, 1.34
CIELCh	36, 3.929, 19.906
Yxy	8.8679, 0.3286, 0.3290
Android (android.graphics.Color)	4284174930 (0xFF5B5252)
YUV	84.6910, -1.3267, 5.5330
Hunter-Lab	29.7791, 0.9628, 2.4732

# Details

The Hex color **5B5252** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **525B5B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8D8383**, and **2D2525** is the 20% darker color. If you saturate the color by 10%, you get **5B4949**, and if you desaturate by 10%, it is **5B5B5B**.

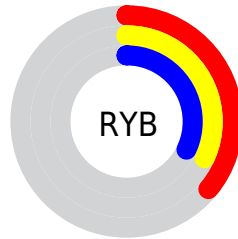
# Distribution



 Red (36%)

 Green (32%)

 Blue (32%)



 Red (36%)

 Yellow (32%)

 Blue (32%)

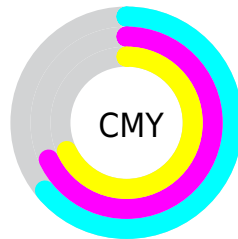


 Cyan (0%)

 Magenta (10%)

 Yellow (10%)

 Black (64%)



 Cyan (64%)

 Magenta (68%)

 Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B5252 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 5B5252 by changing the saturation by 10% instead.





5B5252



5B5252

FFFFFF



433B3B



8D8383



2D2525



A89D9D



191111



C3B8B8



000000



DFD4D4



FBF0F0



5B5252



5B5252



5B4949



5B5B5B



5B4040



5B6464

■ 5B3737

■ 5B6D6D

■ 5B2E2E

■ 5B7676

■ 5B2525

■ 5B8080

■ 5B1B1B

■ 5B8989

■ 5B1212

■ 5B9292

■ 5B0909

■ 5B9B9B

■ 5B0000

■ 5BA4A4

# Harmonies

## Analogous

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



5A5255



5B5252



5A534F

# Triad

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



5B5252



515550



50555A

# Complementary

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



5B5252



525B5B

# 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.



4D5559



5B5252



4E5653

# Square

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



5B5252



54544E



4C5656



53545A

# Rectangle

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



5B5252



59534E



4C5656



4F555A



# Sweetspot

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



5B5252



757272



5B525B



3B3838



BABABA



3B3B3B



# Same Dimension

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



5B5252



756767



5B5752



2E2929



6E0000



ED0000



# Inverse Universe

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



525B5B



677575



52575B



292E2E



006E6E



00EDED



# Previews

## White Background



This preview shows how the Hex color 5B5252 looks on a white background.

## Color Contrast Check

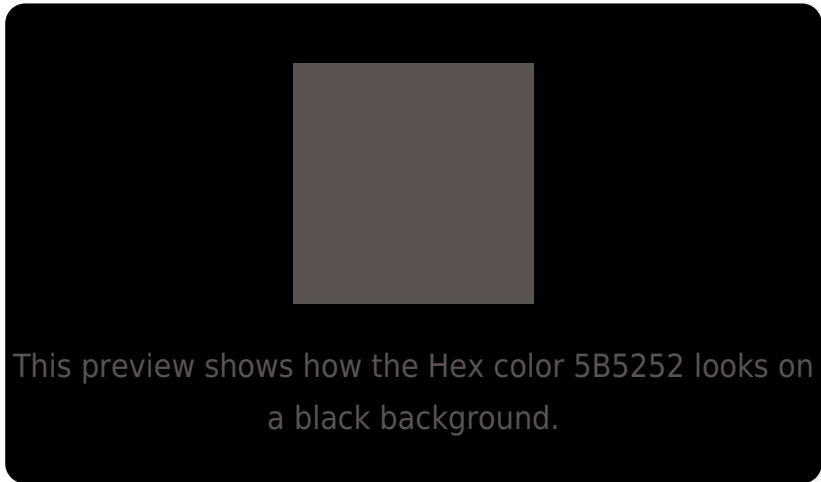
Large Text (above 18pt) WCAG AA ✓ Pass

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

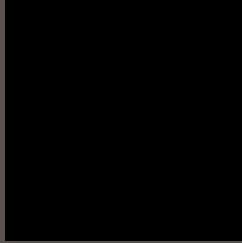
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B5252 Background



This preview shows how black text looks on a background with the Hex color 5B5252.

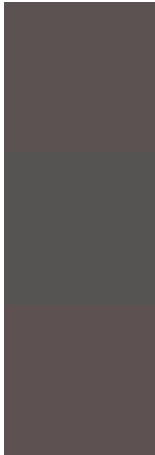


This preview shows how white text looks on a background with the Hex color 5B5252.

# 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](#).

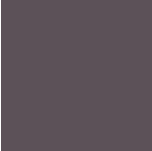
## Dichromacy



**Original Color**  
5B5252

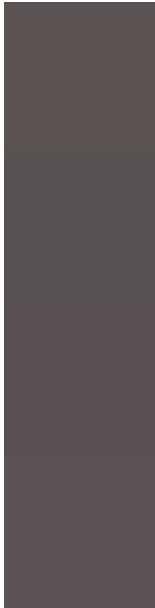
**Protanopia**  
565453

**Deuteranopia**  
5D5152



**Tritanopia**  
5C5158

# Trichromacy



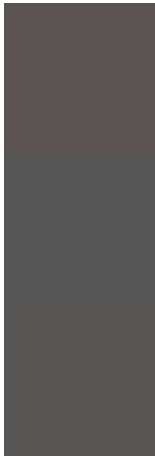
**Original Color**  
5B5252

**Protanomaly**  
585353

**Deuteranomaly**  
5C5152

**Tritanomaly**  
5C5156

# Monochromacy



**Original Color**  
5B5252

**Achromatopsia**  
555555

**Achromatomaly**  
575454

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B5252 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 #5B5252 looks like.

```
.text, #text, p{  
    color:#5B5252  
}
```

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 #5B5252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5252
}
```

## Border

The CSS property to change the border of an element to Hex 5B5252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

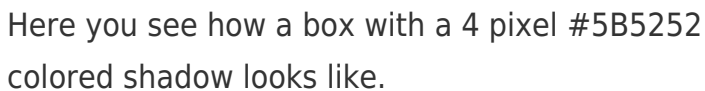
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5252 }
```

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

```
.border{ border-color:#5B5252 }
```

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



Here you see how a box with a 4 pixel #5B5252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5252; -webkit-box-shadow:4px 4px  
4px 4px #5B5252; box-shadow:4px 4px 4px  
4px #5B5252 }
```

# Background

The CSS property to change the background color of an element to Hex 5B5252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5252 }
```

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

```
.background{ background-color:#5B5252 }
```

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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