

# Converting Colors

Hex(5D5E59)

Have a look what the booklet for  
Hex(5D5E59) contains.

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# Color

**Hex(5D5E59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D5E59
RGB	93, 94, 89
RGB Percent	36%, 37%, 35%
CMY	0.6353, 0.6314, 0.6510
CMYK	0.01, 0.00, 0.05, 0.63
HSL	72°, 3%, 36%
HSV	72°, 5%, 37%
XYZ	10.3201, 11.0538, 11.0409
YIQ	93.1310, 1.0090, -1.7670

# Conversions

## Conversions Part 2

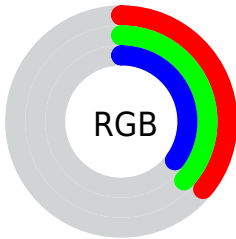
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 94, 90
Decimal	6119001
CIE Lab	39.67, -1.43, 2.72
CIE LCh	40, 3.072, 117.665
Yxy	11.0538, 0.3184, 0.3410
Android (android.graphics.Color)	4284309081 (0xFF5D5E59)
YUV	93.1310, -2.0366, -0.1149
Hunter-Lab	33.2473, -2.7758, 3.5839

# Details

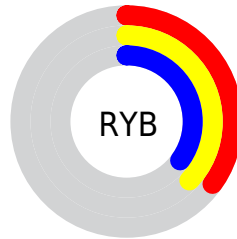
The Hex color **5D5E59** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A595E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8F908B**, and **2F302C** is the 20% darker color. If you saturate the color by 10%, you get **5B5E50**, and if you desaturate by 10%, it is **5F5E62**.

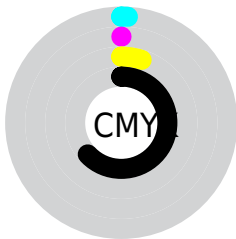
# Distribution



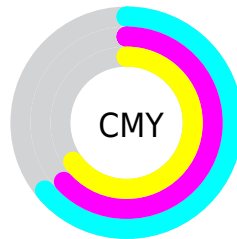
- Red (36%)
- Green (37%)
- Blue (35%)



- Red (35%)
- Yellow (37%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (63%)



- Cyan (64%)
- Magenta (63%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D5E59 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 5D5E59 by changing the saturation by 10% instead.





5D5E59



5D5E59

FFFFFF



454642



8F908B



2F302C



AAABA5



1A1B17



C5C6C0



000000



E1E2DC



FEFFF9



5D5E59



5D5E59



5B5E50



5F5E62



595E46



615E6C

■ 575E3D

■ 635E75

■ 555E33

■ 655E7F

■ 545E2A

■ 665E88

■ 525E21

■ 685E91

■ 505E17

■ 6A5E9B

■ 4E5E0E

■ 6C5EA4

■ 4C5E04

■ 6E5EAE

# Harmonies

## Analogous

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



605D58



5D5E59



5A5F5B

# Triad

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



5D5E59



585E62



635C5E

# Complementary

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



5D5E59



5A595E

# 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.



615C60



5D5E59



5B5E62

# Square

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



5D5E59



575F60



5E5D62



635C5B

# Rectangle

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



5D5E59



595F5C



5E5D62



625C5F



# Sweetspot

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



5D5E59



7A7A78



5E5A59



3D3D3C



BDBDBD



3D3D3D



# Same Dimension

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



5D5E59



797A73



5B5E59



2D2E2B



586E00



BEED00



# Inverse Universe

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



5A595E



75737A



5D595E



2B2B2E



16006E



2F00ED



# Previews

## White Background



This preview shows how the Hex color 5D5E59 looks on a white background.

## Color Contrast Check

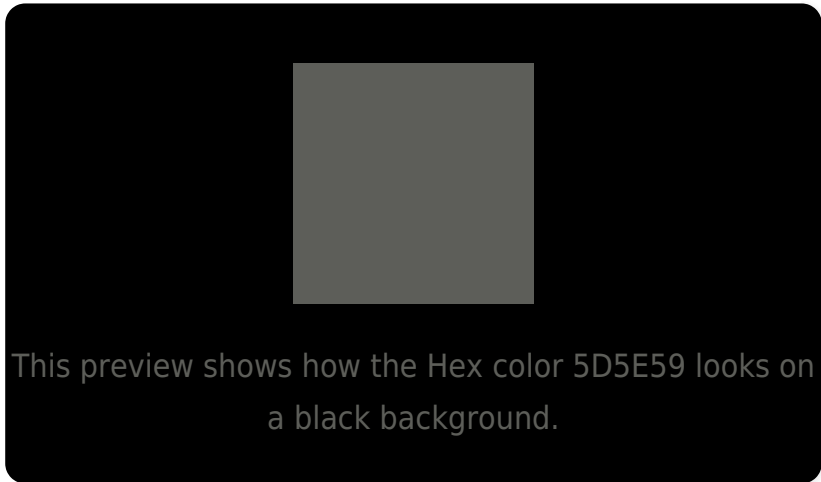
Large Text (above 18pt) WCAG AA ✓ Pass

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

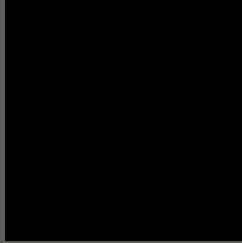
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

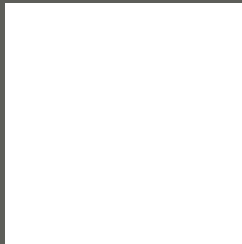
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D5E59 Background



This preview shows how black text looks on a background with the Hex color 5D5E59.



This preview shows how white text looks on a background with the Hex color 5D5E59.

# 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**  
5D5E59

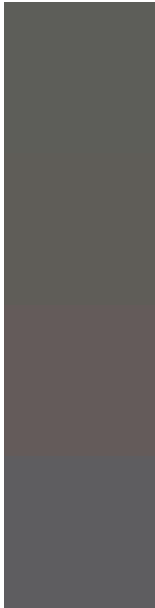
**Protanopia**  
605D58

**Deuteranopia**  
685A5A



**Tritanopia**  
5F5C64

# Trichromacy



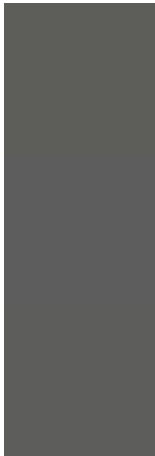
**Original Color**  
5D5E59

**Protanomaly**  
5F5D58

**Deuteranomaly**  
645B5A

**Tritanomaly**  
5E5D60

# Monochromacy



**Original Color**  
5D5E59

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5D5D5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D5E59 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 #5D5E59 looks like.

```
.text, #text, p{  
    color:#5D5E59  
}
```

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 #5D5E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5E59
}
```

## Border

The CSS property to change the border of an element to Hex 5D5E59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

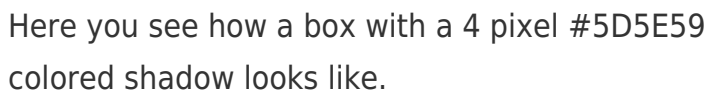
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5E59 }
```

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

```
.border{ border-color:#5D5E59 }
```

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



Here you see how a box with a 4 pixel #5D5E59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5E59; -webkit-box-shadow:4px 4px  
4px 4px #5D5E59; box-shadow:4px 4px 4px  
4px #5D5E59 }
```

# Background

The CSS property to change the background color of an element to Hex 5D5E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5E59 }
```

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

```
.background{ background-color:#5D5E59 }
```

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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