

# Converting Colors

Hex(55595E)

Have a look what the booklet for  
Hex(55595E) contains.

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# Color

**Hex(55595E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55595E
RGB	85, 89, 94
RGB Percent	33%, 35%, 37%
CMY	0.6667, 0.6510, 0.6314
CMYK	0.10, 0.05, 0.00, 0.63
HSL	213°, 5%, 35%
HSV	213°, 10%, 37%
XYZ	9.3391, 9.8842, 12.0053
YIQ	88.3740, -3.9890, 0.7070

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 88, 94
Decimal	5593438
CIE Lab	37.63, -0.46, -3.43
CIE LCh	38, 3.462, 262.419
Yxy	9.8842, 0.2991, 0.3165
Android (android.graphics.Color)	4283783518 (0xFF55595E)
YUV	88.3740, 2.7736, -2.9590
Hunter-Lab	31.4392, -1.9947, -0.6330

# Details

The Hex color **55595E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E5A55**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **878B90**, and **282C30** is the 20% darker color. If you saturate the color by 10%, you get **4C545E**, and if you desaturate by 10%, it is **5E5E5E**.

# Distribution



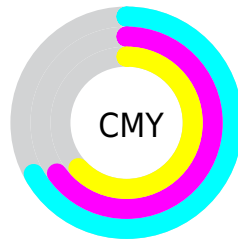
- Red (33%)
- Green (35%)
- Blue (37%)



- Red (33%)
- Yellow (35%)
- Blue (37%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (63%)



- Cyan (67%)
- Magenta (65%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55595E 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 55595E by changing the saturation by 10% instead.



■ 55595E

■ 55595E

FFFFFF

■ 3E4246

■ 878B90

■ 282C30

■ A1A5AB

■ 14171B

■ BCC0C6

■ 000000

■ D8DCE2

■ F4F9FF

■ 55595E

■ 55595E

■ 4C545E

■ 5E5E5E

■ 424F5E

■ 68635E

■ 39495E

■ 71695E

■ 2F445E

■ 7B6E5E

■ 263F5E

■ 84735E

■ 1D3A5E

■ 8D785E

■ 13345E

■ 977E5E

■ 0A2F5E

■ A0835E

■ 002A5E

■ AA885E

# Harmonies

## Analogous

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



535A5D



55595E



58585E

# Triad

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



55595E



5F5757



555A55

# Complementary

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



55595E



5E5A55

# 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.



595953



55595E



5E5754

# Square

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



55595E



5E5759



5C5853



535A58

# Rectangle

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



55595E



5B585D



5C5853



565A54



# Sweetspot

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



55595E



77787A



555E5A



3B3C3D



BDBDBD



3D3D3D



# Same Dimension

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



55595E



6D737A



55555E



292B2E



00316E



0069ED



# Inverse Universe

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



5E5559



7A6D73



5E5E55



2E292B



6E0031

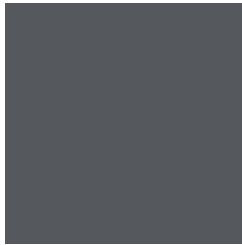


ED0069



# Previews

## White Background



This preview shows how the Hex color 55595E looks on a white background.

## Color Contrast Check

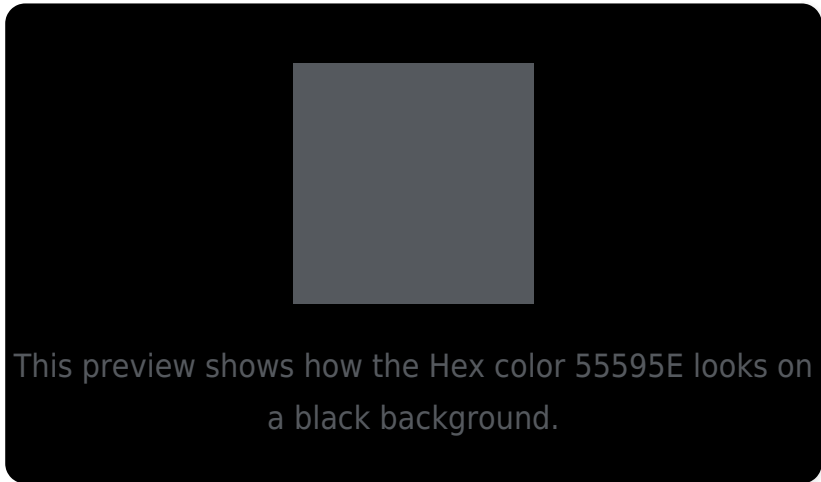
Large Text (above 18pt) WCAG AA ✓ Pass

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

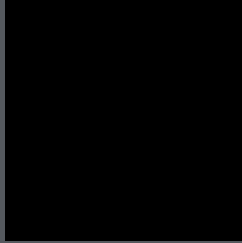
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

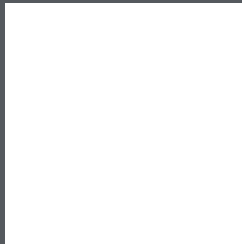
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55595E Background



This preview shows how black text looks on a background with the Hex color 55595E.



This preview shows how white text looks on a background with the Hex color 55595E.

# 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**  
55595E

**Protanopia**  
59585D

**Deuteranopia**  
5E565F



**Tritanopia**  
555960

# Trichromacy



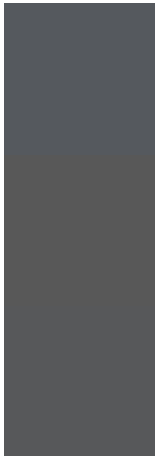
**Original Color**  
55595E

**Protanomaly**  
58585D

**Deuteranomaly**  
5B575F

**Tritanomaly**  
55595F

# Monochromacy



**Original Color**  
55595E

**Achromatopsia**  
585858

**Achromatomaly**  
57585A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55595E 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 #55595E looks like.

```
.text, #text, p{  
    color:#55595E  
}
```

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 #55595E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55595E
}
```

## Border

The CSS property to change the border of an element to Hex 55595E is called "border". The border property can be set on classes, ids or directly on the HTML element.

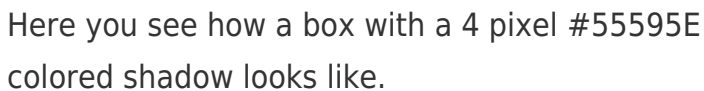
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55595E }
```

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

```
.border{ border-color:#55595E }
```

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



Here you see how a box with a 4 pixel #55595E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55595E; -webkit-box-shadow:4px 4px  
4px 4px #55595E; box-shadow:4px 4px 4px  
4px #55595E }
```

# Background

The CSS property to change the background color of an element to Hex 55595E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55595E }
```

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

```
.background{ background-color:#55595E }
```

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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