

Converting Colors

Hex(5B535D)

Have a look what the booklet for
Hex(5B535D) contains.

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Color

Hex(5B535D)

Conversions

Conversions Part 1

Format	Color
Hex	5B535D
RGB	91, 83, 93
RGB Percent	36%, 33%, 36%
CMY	0.6431, 0.6745, 0.6353
CMYK	0.02, 0.11, 0.00, 0.64
HSL	288°, 6%, 35%
HSV	288°, 11%, 36%
XYZ	9.3834, 9.2010, 11.6373
YIQ	86.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

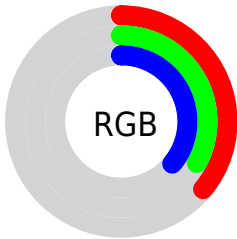
Format	Color
R_{YB}	91, 83, 93
Decimal	5985117
CIE Lab	36.37, 5.36, -4.62
CIE LCh	36, 7.080, 319.234
Yxy	9.2010, 0.3105, 0.3044
Android (android.graphics.Color)	4284175197 (0xFF5B535D)
YUV	86.5320, 3.1887, 3.9184
Hunter-Lab	30.3331, 2.1353, -1.5135

Details

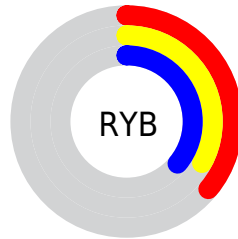
The Hex color **5B535D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **555D53**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8D848F**, and **2D262F** is the 20% darker color. If you saturate the color by 10%, you get **594A5D**, and if you desaturate by 10%, it is **5D5C5D**.

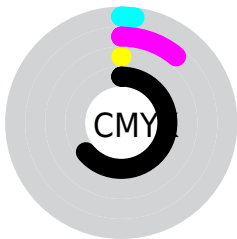
Distribution



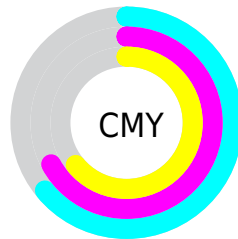
- Red (36%)
- Green (33%)
- Blue (36%)



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



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5B535D 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 5B535D by changing the saturation by 10% instead.

■ 5B535D

■ 5B535D

FFFFFF

■ 443C45

■ 8D848F

■ 2D262F

■ A89FAA

■ 19121A

■ C3B9C5

■ 000000

■ DFD5E1

■ FBF2FE

■ 5B535D

■ 5B535D

■ 594A5D

■ 5D5C5D

■ 57405D

■ 5F665D

■ 55375D

■ 616F5D

■ 542E5D

■ 62785D

■ 52255D

■ 64825D

■ 501B5D

■ 668B5D

■ 4E125D

■ 68945D

■ 4C095D

■ 6A9D5D

■ 4A005D

■ 6CA75D

Harmonies

Analogous

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



545560



5B535D



605258

Triad

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



5B535D



5C544B



475959

Complementary

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



5B535D



555D53

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.



4A5953



5B535D



56564B

Square

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



5B535D



60534D



50584E



48585E

Rectangle

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



5B535D



625254



50584E



485957

Sweetspot

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



5B535D



777478



53555D



3D3B3D



BDBDBD



3D3D3D

Same Dimension

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



5B535D



756878



5D535A



2D292E



58006E



BE00ED

Inverse Universe

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



5D5355



78686B



535D56



2E292A



6E0016



ED002F

Previews

White Background



This preview shows how the Hex color 5B535D looks on a white background.

Color Contrast Check

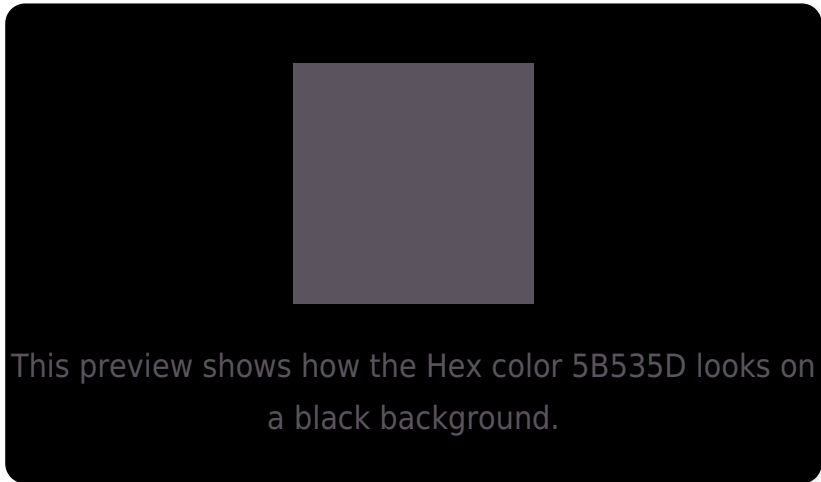
Large Text (above 18pt) WCAG AA ✓ Pass

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

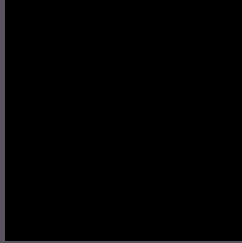
Any Text WCAG AA × Fail

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 5B535D Background



This preview shows how black text looks on a background with the Hex color 5B535D.



This preview shows how white text looks on a background with the Hex color 5B535D.

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](#).

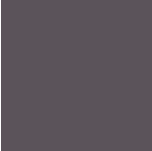
Dichromacy



Original Color
5B535D

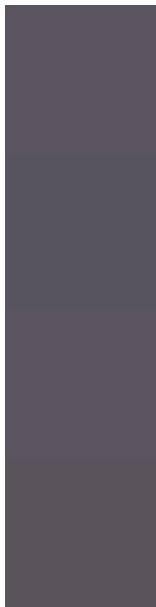
Protanopia
55555E

Deuteranopia
5B535D



Tritanopia
5B535A

Trichromacy



Original Color

5B535D

Protanomaly

57545E

Deuteranomaly

5B535D

Tritanomaly

5B535B

Monochromacy



Original Color

5B535D

Achromatopsia

575757

Achromatomaly

585659

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B535D 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 #5B535D looks like.

```
.text, #text, p{  
    color:#5B535D  
}
```

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 #5B535D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B535D
}
```

Border

The CSS property to change the border of an element to Hex 5B535D is called "border". The border property can be set on classes, ids or directly on the HTML element.

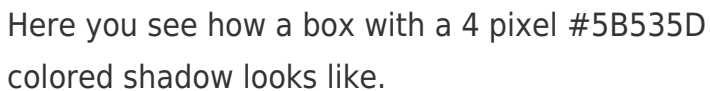
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B535D }
```

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

```
.border{ border-color:#5B535D }
```

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



Here you see how a box with a 4 pixel #5B535D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B535D; -webkit-box-shadow:4px 4px  
4px 4px #5B535D; box-shadow:4px 4px 4px  
4px #5B535D }
```

Background

The CSS property to change the background color of an element to Hex 5B535D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B535D }
```

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

```
.background{ background-color:#5B535D }
```

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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