

Converting Colors

Hex(5B555E)

Have a look what the booklet for
Hex(5B555E) contains.

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Color

Hex(5B555E)

Conversions

Conversions Part 1

Format	Color
Hex	5B555E
RGB	91, 85, 94
RGB Percent	36%, 33%, 37%
CMY	0.6431, 0.6667, 0.6314
CMYK	0.03, 0.10, 0.00, 0.63
HSL	280°, 5%, 35%
HSV	280°, 10%, 37%
XYZ	9.5833, 9.5293, 11.9239
YIQ	87.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

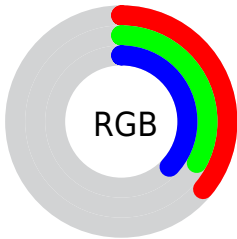
Format	Color
RYB	91, 85, 94
Decimal	5985630
CIELab	36.98, 4.34, -4.33
CIELCh	37, 6.132, 315.021
Yxy	9.5293, 0.3088, 0.3070
Android (android.graphics.Color)	4284175710 (0xFF5B555E)
YUV	87.8200, 3.0467, 2.7889
Hunter-Lab	30.8696, 1.3925, -1.2931

Details

The Hex color **5B55E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **585E55**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8D8790**, and **2D2830** is the 20% darker color. If you saturate the color by 10%, you get **584C5E**, and if you desaturate by 10%, it is **5E5E5E**.

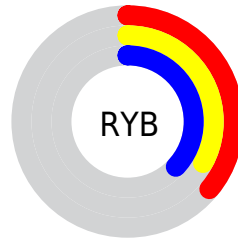
Distribution



Red (36%)

Green (33%)

Blue (37%)



Red (36%)

Yellow (33%)

Blue (37%)

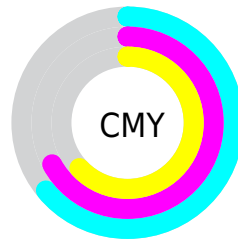


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (63%)



Cyan (64%)

Magenta (67%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B555E 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 5B555E by changing the saturation by 10% instead.

■ 5B555E

■ 5B555E

FFFFFF

■ 443E46

■ 8D8790

■ 2D2830

■ A8A1AB

■ 19141B

■ C3BCC6

■ 000000

■ DFD7E2

■ FBF4FF

■ 5B555E

■ 5B555E

■ 584C5E

■ 5E5E5E

■ 55425E

■ 61685E

52395E

64715E

4E2F5E

687B5E

4B265E

6B845E

481D5E

6E8D5E

45135E

71975E

420A5E

74A05E

3F005E

77AA5E

Harmonies

Analogous

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



555760



5B555E



60545A

Triad

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



5B555E



5E564E



4B5A59

Complementary

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



5B555E



585E55

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.



4E5A54



5B555E



58574D

Square

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



5B555E



615450



535950



4B595E

Rectangle

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



5B555E



615456



535950



4C5A58

Sweetspot

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



5B555E



79777A



55585E



3C3B3D



BDBDBD



3D3D3D

Same Dimension

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



5B555E



766D7A



5E555D



2C292E



49006E



9E00ED

Inverse Universe

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



5E5558



7A6D71



555E57



2E292B



6E0025



ED004F

Previews

White Background



This preview shows how the Hex color 5B555E looks on a white background.

Color Contrast Check

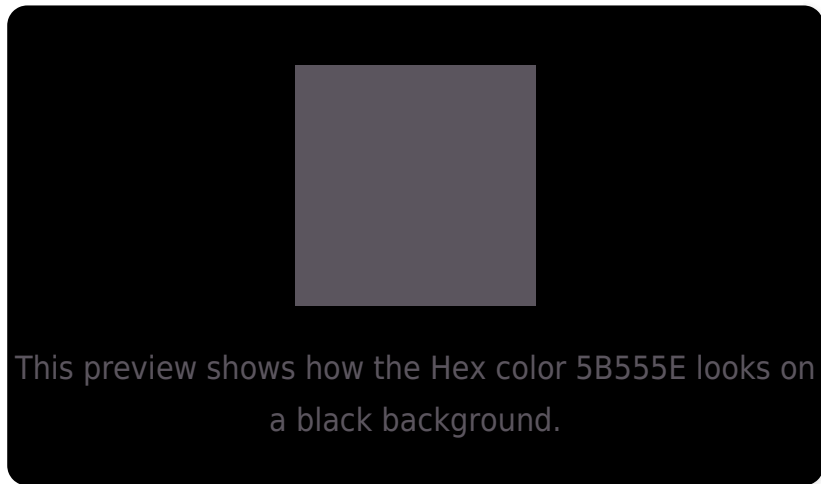
Large Text (above 18pt) WCAG AA ✓ Pass

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

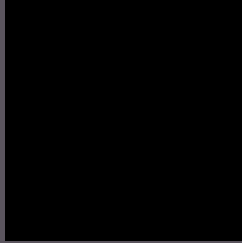
Any Text WCAG AA × Fail

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 5B555E Background



This preview shows how black text looks on a background with the Hex color 5B555E.

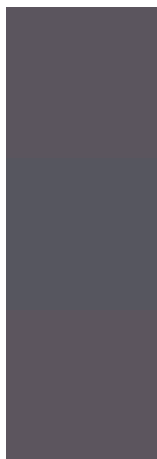


This preview shows how white text looks on a background with the Hex color 5B555E.

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


5B555E

Protanopia

56565F

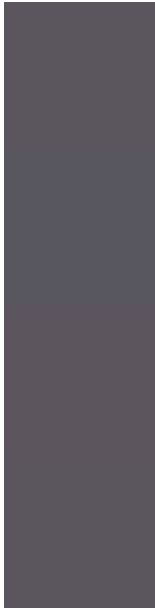
Deuteranopia

5C555E



Tritanopia
5B555C

Trichromacy



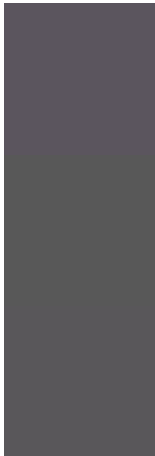
Original Color
5B555E

Protanomaly
58565F

Deuteranomaly
5C555E

Tritanomaly
5B555D

Monochromacy



Original Color
5B555E

Achromatopsia
585858

Achromatomaly
59575A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B555E 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 #5B555E looks like.

```
.text, #text, p{  
    color:#5B555E  
}
```

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 #5B555E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B555E
}
```

Border

The CSS property to change the border of an element to Hex 5B555E is called "border". The border property can be set on classes, ids or directly on the HTML element.

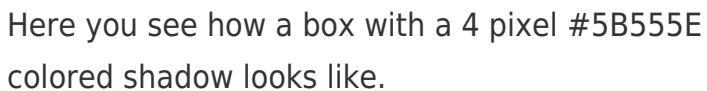
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B555E }
```

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

```
.border{ border-color:#5B555E }
```

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



Here you see how a box with a 4 pixel #5B555E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B555E; -webkit-box-shadow:4px 4px  
4px 4px #5B555E; box-shadow:4px 4px 4px  
4px #5B555E }
```

Background

The CSS property to change the background color of an element to Hex 5B555E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B555E }
```

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

```
.background{ background-color:#5B555E }
```

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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