

Converting Colors

Hex(535E5B)

Have a look what the booklet for
Hex(535E5B) contains.

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Color

Hex(535E5B)

Conversions

Conversions Part 1

Format	Color
Hex	535E5B
RGB	83, 94, 91
RGB Percent	33%, 37%, 36%
CMY	0.6745, 0.6314, 0.6431
CMYK	0.12, 0.00, 0.03, 0.63
HSL	164°, 6%, 35%
HSV	164°, 12%, 37%
XYZ	9.4583, 10.5997, 11.4450
YIQ	90.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

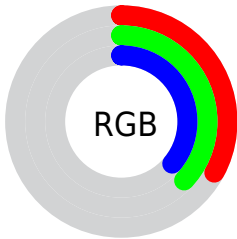
Format	Color
R_{YB}	83, 89, 94
Decimal	5463643
CIE Lab	38.90, -4.93, 0.26
CIE LCh	39, 4.935, 176.932
Yxy	10.5997, 0.3002, 0.3365
Android (android.graphics.Color)	4283653723 (0xFF535E5B)
YUV	90.3690, 0.3111, -6.4626
Hunter-Lab	32.5572, -5.1185, 1.9476

Details

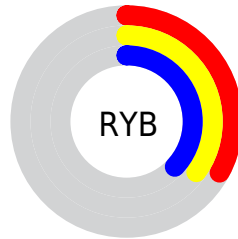
The Hex color **535E5B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E5356**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **85908D**, and **26302D** is the 20% darker color. If you saturate the color by 10%, you get **4A5E58**, and if you desaturate by 10%, it is **5C5E5E**.

Distribution



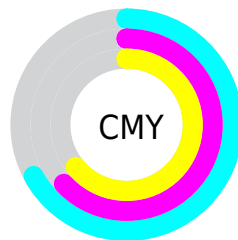
- Red (33%)
- Green (37%)
- Blue (36%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (63%)



- Cyan (67%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535E5B 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 535E5B by changing the saturation by 10% instead.



535E5B



535E5B

FFFFFF



3C4644



85908D



26302D



9FABA7



121B19



BAC6C3



000000



D5E2DF



F2FFFB



535E5B



535E5B



4A5E58



5C5E5E



405E56



665E60

■ 375E53

■ 6F5E63

■ 2D5E51

■ 795E65

■ 245E4E

■ 825E68

■ 1B5E4C

■ 8B5E6A

■ 115E49

■ 955E6D

■ 085E46

■ 9E5E70

■ 005E44

■ A85E72

Harmonies

Analogous

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



565D57



535E5B



525E5F

Triad

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



535E5B



5C5B63



635A55

Complementary

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



535E5B



5E5356

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.



645958



535E5B



615A60

Square

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



535E5B



575C63



64595C



5F5B54

Rectangle

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



535E5B



525D61



64595C



645A56

Sweetspot

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



535E5B



767A79



565E53



3A3D3C



BDBDBD



3D3D3D

Same Dimension

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



535E5B



697A76



535C5E



292E2D



006E50



00EDAC

Inverse Universe

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



5E5356



7A696E



5E5553



2E292B



6E001E



ED0041

Previews

White Background



This preview shows how the Hex color 535E5B looks on a white background.

Color Contrast Check

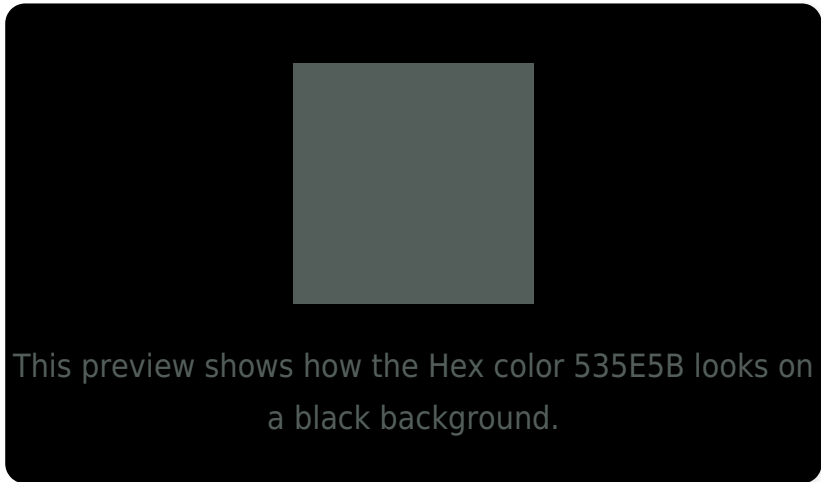
Large Text (above 18pt) WCAG AA ✓ Pass

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

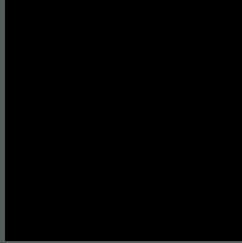
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

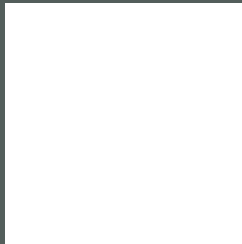
Any Text WCAG AAA × Fail

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

Hex 535E5B Background



This preview shows how black text looks on a background with the Hex color 535E5B.



This preview shows how white text looks on a background with the Hex color 535E5B.

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](#).

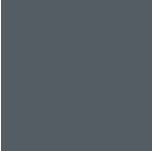
Dichromacy



Original Color
535E5B

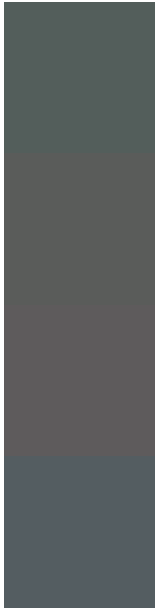
Protanopia
5E5B59

Deuteranopia
64595C



Tritanopia
555D64

Trichromacy



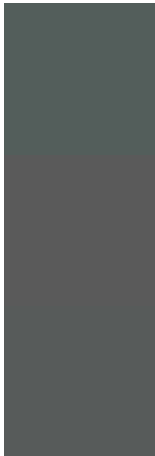
Original Color
535E5B

Protanomaly
5A5C5A

Deuteranomaly
5E5B5C

Tritanomaly
545D61

Monochromacy



Original Color
535E5B

Achromatopsia
5A5A5A

Achromatomaly
575B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 535E5B 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 #535E5B looks like.

```
.text, #text, p{  
    color:#535E5B  
}
```

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 #535E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535E5B
}
```

Border

The CSS property to change the border of an element to Hex 535E5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

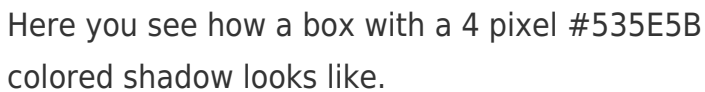
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535E5B }
```

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

```
.border{ border-color:#535E5B }
```

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

A rectangular box with a 4-pixel dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color (#535E5B) and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #535E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535E5B; -webkit-box-shadow:4px 4px  
4px 4px #535E5B; box-shadow:4px 4px 4px  
4px #535E5B }
```

Background

The CSS property to change the background color of an element to Hex 535E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535E5B }
```

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

```
.background{ background-color:#535E5B }
```

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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