

Converting Colors

Hex(535B63)

Have a look what the booklet for
Hex(535B63) contains.

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Color

Hex(535B63)

Conversions

Conversions Part 1

Format	Color
Hex	535B63
RGB	83, 91, 99
RGB Percent	33%, 36%, 39%
CMY	0.6745, 0.6431, 0.6118
CMYK	0.16, 0.08, 0.00, 0.61
HSL	210°, 9%, 36%
HSV	210°, 16%, 39%
XYZ	9.5605, 10.2220, 13.2735
YIQ	89.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

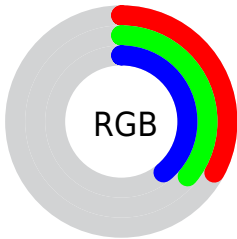
Format	Color
R _Y B	83, 88, 99
Decimal	5462883
CIE Lab	38.24, -1.25, -5.65
CIE LCh	38, 5.791, 257.517
Yxy	10.2220, 0.2892, 0.3092
Android (android.graphics.Color)	4283652963 (0xFF535B63)
YUV	89.5200, 4.6736, -5.7180
Hunter-Lab	31.9719, -2.5743, -2.2347

Details

The Hex color **535B63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **635B53**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **858D96**, and **262D35** is the 20% darker color. If you saturate the color by 10%, you get **495663**, and if you desaturate by 10%, it is **5D6063**.

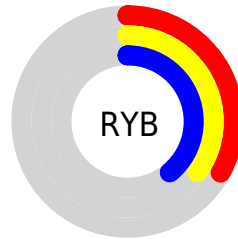
Distribution



Red (33%)

Green (36%)

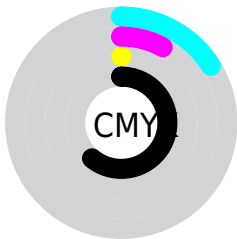
Blue (39%)



Red (33%)

Yellow (35%)

Blue (39%)

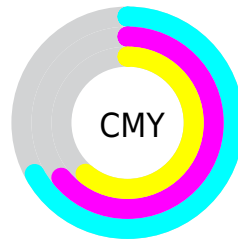


Cyan (16%)

Magenta (8%)

Yellow (0%)

Black (61%)



Cyan (67%)

Magenta (64%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535B63 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 535B63 by changing the saturation by 10% instead.

■ 535B63

■ 535B63

FFFFFF

■ 3C444B

■ 858D96

■ 262D35

■ 9FA7B0

■ 12191F

■ BAC3CC

■ 000006

■ D5DFE8

■ 000000

■ F2FBFF

■ 535B63

■ 535B63

■ 495663

■ 5D6063

■ 3F5163

■ 676563

■ 354C63

■ 716A63

■ 2B4763

■ 7B6F63

■ 224263

■ 857463

■ 183D63

■ 8E7963

■ 0E3863

■ 987E63

■ 043363

■ A28363

■ 003263

■ AC8863

Harmonies

Analogous

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



4F5C61



535B63



595963

Triad

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



535B63



645757



565C54

Complementary

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



535B63



635B53

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.



5B5B51



535B63



635853

Square

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



535B63



62575C



605951



515D58

Rectangle

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



535B63



5C5861



605951



575B53

Sweetspot

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



535B63



797C80



53635B



3C3E40



BFBFBF



404040

Same Dimension

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



535B63



677380



535363



2C2E30



003870



0078F0

Inverse Universe

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



63535B



806773



636353



302C2E



700038



F00078

Previews

White Background



This preview shows how the Hex color 535B63 looks on a white background.

Color Contrast Check

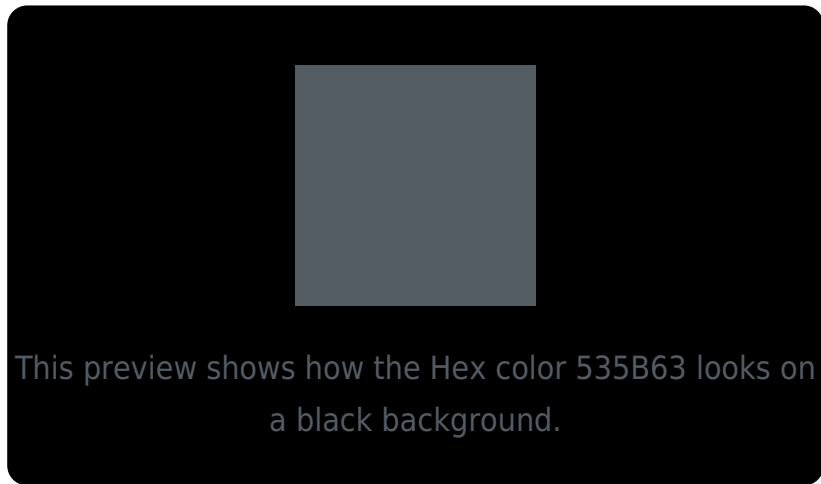
Large Text (above 18pt) WCAG AA ✓ Pass

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

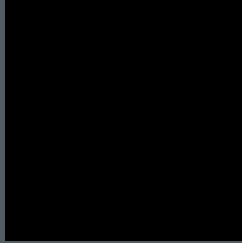
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

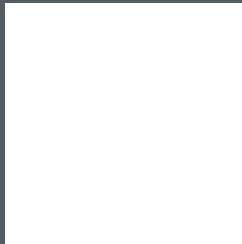
Any Text WCAG AAA × Fail

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

Hex 535B63 Background



This preview shows how black text looks on a background with the Hex color 535B63.



This preview shows how white text looks on a background with the Hex color 535B63.

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
535B63

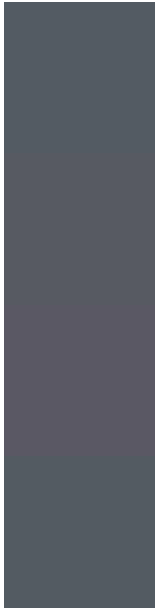
Protanopia
595962

Deuteranopia
5E5764



Tritanopia
535B62

Trichromacy



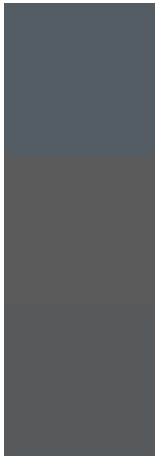
Original Color
535B63

Protanomaly
575A62

Deuteranomaly
5A5864

Tritanomaly
535B62

Monochromacy



Original Color
535B63

Achromatopsia
5A5A5A

Achromatomaly
575A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 535B63 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 #535B63 looks like.

```
.text, #text, p{  
    color:#535B63  
}
```

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 #535B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535B63
}
```

Border

The CSS property to change the border of an element to Hex 535B63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

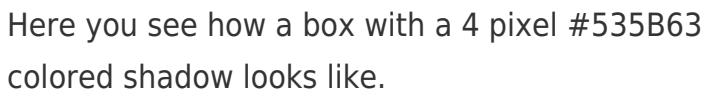
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535B63 }
```

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

```
.border{ border-color:#535B63 }
```

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



Here you see how a box with a 4 pixel #535B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535B63; -webkit-box-shadow:4px 4px  
4px 4px #535B63; box-shadow:4px 4px 4px  
4px #535B63 }
```

Background

The CSS property to change the background color of an element to Hex 535B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535B63 }
```

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

```
.background{ background-color:#535B63 }
```

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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