

Converting Colors

Hex(535C63)

Have a look what the booklet for
Hex(535C63) contains.

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Color

Hex(535C63)

Conversions

Conversions Part 1

Format	Color
Hex	535C63
RGB	83, 92, 99
RGB Percent	33%, 36%, 39%
CMY	0.6745, 0.6392, 0.6118
CMYK	0.16, 0.07, 0.00, 0.61
HSL	206°, 9%, 36%
HSV	206°, 16%, 39%
XYZ	9.6466, 10.3941, 13.3022
YIQ	90.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

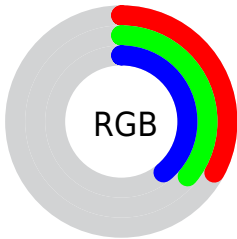
Format	Color
R_{YB}	83, 89, 99
Decimal	5463139
CIE Lab	38.54, -1.86, -5.20
CIE LCh	39, 5.527, 250.322
Yxy	10.3941, 0.2893, 0.3117
Android (android.graphics.Color)	4283653219 (0xFF535C63)
YUV	90.1070, 4.3842, -6.2328
Hunter-Lab	32.2400, -3.0107, -1.8951

Details

The Hex color **535C63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **635A53**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **858E96**, and **262E35** is the 20% darker color. If you saturate the color by 10%, you get **495863**, and if you desaturate by 10%, it is **5D6063**.

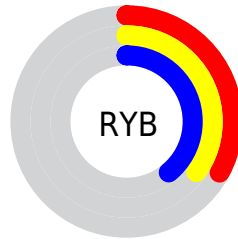
Distribution



Red (33%)

Green (36%)

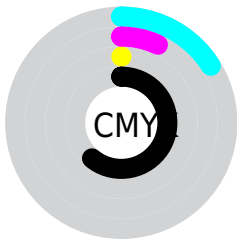
Blue (39%)



Red (33%)

Yellow (35%)

Blue (39%)

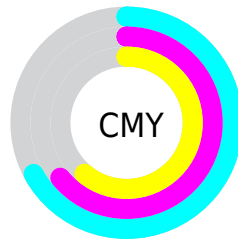


Cyan (16%)

Magenta (7%)

Yellow (0%)

Black (61%)



Cyan (67%)

Magenta (64%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535C63 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 535C63 by changing the saturation by 10% instead.

■ 535C63

■ 535C63

FFFFFF

■ 3C454B

■ 858E96

■ 262E35

■ 9FA9B0

■ 111A1F

■ BAC4CC

■ 000007

■ D5E0E8

■ 000000

■ F2FCFF

■ 535C63

■ 535C63

■ 495863

■ 5D6063

■ 3F5363

■ 676563

■ 354F63

■ 716963

■ 2B4B63

■ 7B6D63

■ 224663

■ 857263

■ 184263

■ 8E7663

■ 0E3E63

■ 987A63

■ 043963

■ A27F63

■ 003863

■ AC8363

Harmonies

Analogous

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



505D60



535C63



585B63

Triad

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



535C63



645859



585C54

Complementary

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



535C63



635A53

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.



5D5B52



535C63



645855

Square

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



535C63



62585E



615952



535D58

Rectangle

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



535C63



5C5A62



615952



595C53

Sweetspot

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



535C63



797D80



53635A



3C3E40



BFBFBF



404040

Same Dimension

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



535C63



677580



535463



2C2E30



003F70



0087F0

Inverse Universe

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



63535C



806775



636253



302C2E



70003F



F00087

Previews

White Background



This preview shows how the Hex color 535C63 looks on a white background.

Color Contrast Check

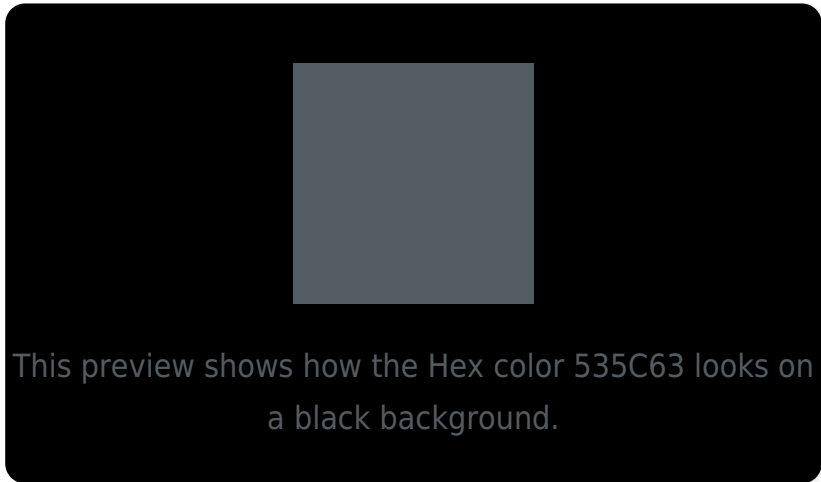
Large Text (above 18pt) WCAG AA ✓ Pass

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

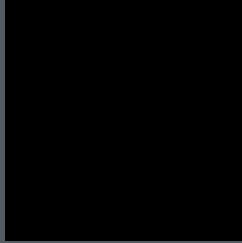
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

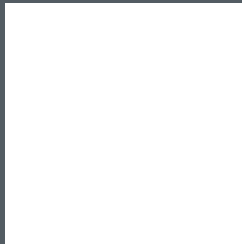
Any Text WCAG AAA × Fail

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

Hex 535C63 Background



This preview shows how black text looks on a background with the Hex color 535C63.



This preview shows how white text looks on a background with the Hex color 535C63.

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](#).

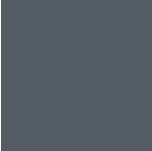
Dichromacy



Original Color
535C63

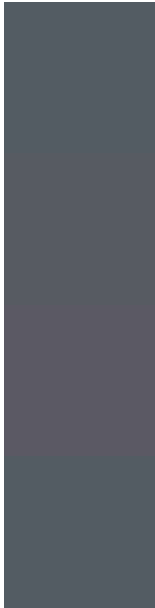
Protanopia
5A5A62

Deuteranopia
5F5864



Tritanopia
535C63

Trichromacy



Original Color
535C63

Protanomaly
575B62

Deuteranomaly
5B5964

Tritanomaly
535C63

Monochromacy



Original Color
535C63

Achromatopsia
5A5A5A

Achromatomaly
575B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 535C63 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 #535C63 looks like.

```
.text, #text, p{  
    color:#535C63  
}
```

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 #535C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535C63  
}
```

Border

The CSS property to change the border of an element to Hex 535C63 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  
#535C63 }
```

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

```
.border{ border-color:#535C63 }
```

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

Here you see how a box with a 4 pixel #535C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535C63; -webkit-box-shadow:4px 4px  
4px 4px #535C63; box-shadow:4px 4px 4px  
4px #535C63 }
```

Background

The CSS property to change the background color of an element to Hex 535C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535C63 }
```

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

```
.background{ background-color:#535C63 }
```

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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