

Converting Colors

Hex(535F67)

Have a look what the booklet for
Hex(535F67) contains.

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Color

Hex(535F67)

Conversions

Conversions Part 1

Format	Color
Hex	535F67
RGB	83, 95, 103
RGB Percent	33%, 37%, 40%
CMY	0.6745, 0.6275, 0.5961
CMYK	0.19, 0.08, 0.00, 0.60
HSL	204°, 11%, 36%
HSV	204°, 19%, 40%
XYZ	10.1077, 11.0027, 14.4230
YIQ	92.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

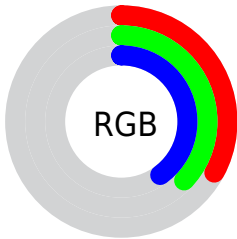
Format	Color
R _Y B	83, 91, 103
Decimal	5463911
CIE Lab	39.59, -2.70, -6.12
CIE LCh	40, 6.687, 246.150
Yxy	11.0027, 0.2845, 0.3096
Android (android.graphics.Color)	4283653991 (0xFF535F67)
YUV	92.3240, 5.2633, -8.1771
Hunter-Lab	33.1703, -3.6554, -2.5610

Details

The Hex color **535F67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **675B53**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **85919A**, and **263138** is the 20% darker color. If you saturate the color by 10%, you get **495B67**, and if you desaturate by 10%, it is **5D6367**.

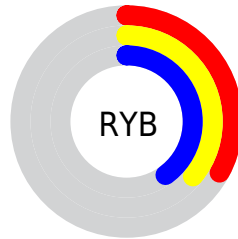
Distribution



Red (33%)

Green (37%)

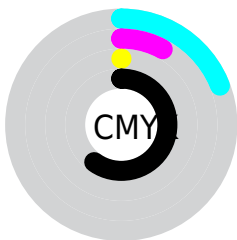
Blue (40%)



Red (33%)

Yellow (36%)

Blue (40%)

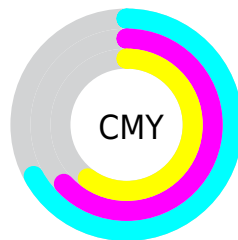


Cyan (19%)

Magenta (8%)

Yellow (0%)

Black (60%)



Cyan (67%)

Magenta (63%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535F67 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 535F67 by changing the saturation by 10% instead.

■ 535F67

■ 535F67

FFFFFF

■ 3C474F

■ 85919A

■ 263138

■ 9FACB5

■ 111C23

■ BAC7D0

■ 00010D

■ D6E3ED

■ 000000

■ F2FFFF

■ 535F67

■ 535F67

■ 495B67

■ 5D6367

■ 3E5767

■ 686767

■ 345367

■ 726B67

■ 2A4F67

■ 7C6F67

■ 1F4A67

■ 877467

■ 154667

■ 917867

■ 0B4267

■ 9B7C67

■ 013E67

■ A58067

■ 003E67

■ B08467

Harmonies

Analogous

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



506063



535F67



595D68

Triad

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



535F67



695A5C



5A5F54

Complementary

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



535F67



675B53

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.



615D52



535F67



695A57

Square

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



535F67



655A62



665B53



546059

Rectangle

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



535F67



5E5C67



665B53



5C5E53

Sweetspot

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



535F67



7F8487



53675B



404345



C4C4C4



454545

Same Dimension

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



535F67



687B87



535567



2E3133



004573



0091F2

Inverse Universe

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



67535F



87687B



676553



332E31



730045



F20091

Previews

White Background



This preview shows how the Hex color 535F67 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

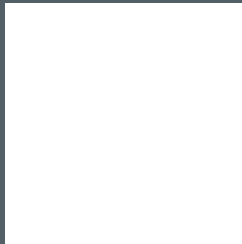
Any Text WCAG AAA × Fail

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

Hex 535F67 Background



This preview shows how black text looks on a background with the Hex color 535F67.



This preview shows how white text looks on a background with the Hex color 535F67.

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
535F67

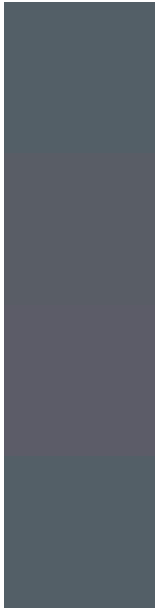
Protanopia
5C5C65

Deuteranopia
615B68



Tritanopia
535F67

Trichromacy



Original Color
535F67

Protanomaly
595D66

Deuteranomaly
5C5C68

Tritanomaly
535F67

Monochromacy



Original Color
535F67

Achromatopsia
5C5C5C

Achromatomaly
595D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 535F67 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 #535F67 looks like.

```
.text, #text, p{  
    color:#535F67  
}
```

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 #535F67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535F67
}
```

Border

The CSS property to change the border of an element to Hex 535F67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

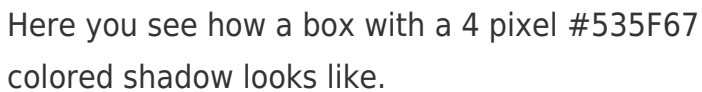
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535F67 }
```

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

```
.border{ border-color:#535F67 }
```

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



Here you see how a box with a 4 pixel #535F67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535F67; -webkit-box-shadow:4px 4px  
4px 4px #535F67; box-shadow:4px 4px 4px  
4px #535F67 }
```

Background

The CSS property to change the background color of an element to Hex 535F67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535F67 }
```

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

```
.background{ background-color:#535F67 }
```

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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