

Converting Colors

Hex(535E60)

Have a look what the booklet for
Hex(535E60) contains.

Hex(535E60)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(535E60)

Conversions

Conversions Part 1

Format	Color
Hex	535E60
RGB	83, 94, 96
RGB Percent	33%, 37%, 38%
CMY	0.6745, 0.6314, 0.6235
CMYK	0.14, 0.02, 0.00, 0.62
HSL	189°, 7%, 35%
HSV	189°, 14%, 38%
XYZ	9.6813, 10.6889, 12.6192
YIQ	90.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

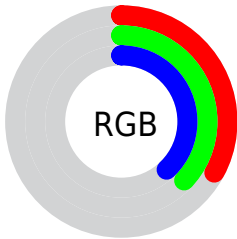
Format	Color
R_{YB}	83, 89, 96
Decimal	5463648
CIE Lab	39.05, -3.78, -2.59
CIE LCh	39, 4.587, 214.445
Yxy	10.6889, 0.2935, 0.3240
Android (android.graphics.Color)	4283653728 (0xFF535E60)
YUV	90.9390, 2.4951, -6.9625
Hunter-Lab	32.6939, -4.3571, 0.0009

Details

The Hex color **535E60** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **605553**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **859092**, and **263032** is the 20% darker color. If you saturate the color by 10%, you get **495D60**, and if you desaturate by 10%, it is **5D5F60**.

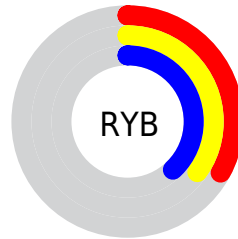
Distribution



Red (33%)

Green (37%)

Blue (38%)



Red (33%)

Yellow (35%)

Blue (38%)

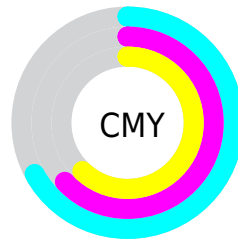


Cyan (14%)

Magenta (2%)

Yellow (0%)

Black (62%)



Cyan (67%)

Magenta (63%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535E60 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 535E60 by changing the saturation by 10% instead.

■ 535E60

■ 535E60

FFFFFF

■ 3C4648

■ 859092

■ 263032

■ 9FABAD

■ 121B1D

■ BAC6C8

■ 000002

■ D5E2E4

■ 000000

■ F2FFFF

■ 535E60

■ 535E60

■ 495D60

■ 5D5F60

■ 405B60

■ 666160

■ 365A60

■ 706260

■ 2D5860

■ 796460

■ 235760

■ 836560

■ 195560

■ 8D6760

■ 105460

■ 966860

■ 065260

■ A06A60

■ 005160

■ A96B60

Harmonies

Analogous

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



535E5C



535E60



555D63

Triad

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



535E60



615A5F



5F5C55

Complementary

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



535E60



605553

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.



625B55



535E60



64595C

Square

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



535E60



5D5B62



645A58



5A5D56

Rectangle

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



535E60



575C63



645A58



605B55

Sweetspot

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



535E60



787C7D



536055



3D3F40



BFBFBF



404040

Same Dimension

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



535E60



697A7D



535860



2C3030



005F70



00CBF0

Inverse Universe

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



60535E



7D697A



605B53



302C30



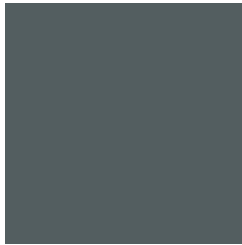
70005F



F000CB

Previews

White Background



This preview shows how the Hex color 535E60 looks on a white background.

Color Contrast Check

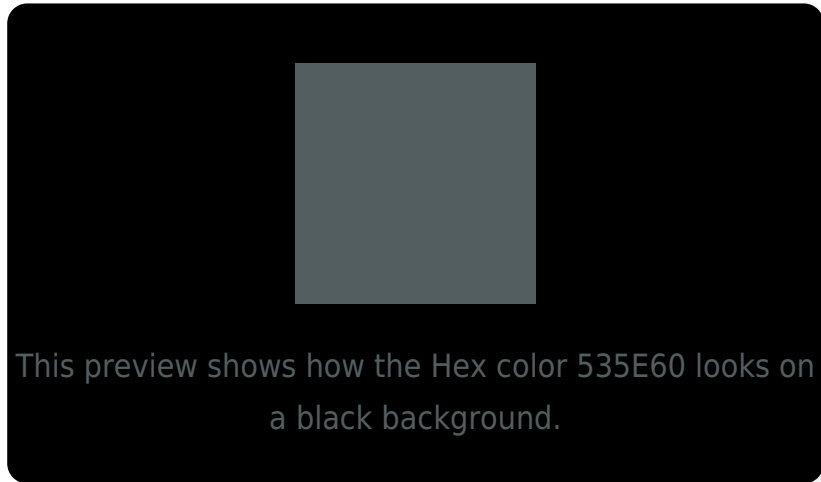
Large Text (above 18pt) WCAG AA ✓ Pass

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

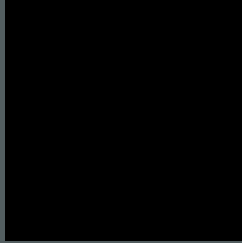
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

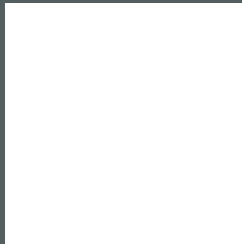
Any Text WCAG AAA × Fail

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

Hex 535E60 Background



This preview shows how black text looks on a background with the Hex color 535E60.



This preview shows how white text looks on a background with the Hex color 535E60.

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](#).

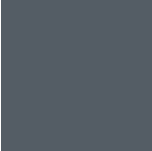
Dichromacy



Original Color
535E60

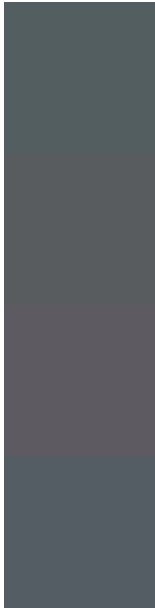
Protanopia
5D5B5E

Deuteranopia
625961



Tritanopia
545D65

Trichromacy



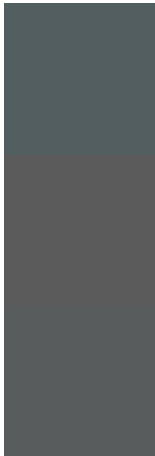
Original Color
535E60

Protanomaly
595C5F

Deuteranomaly
5D5B61

Tritanomaly
545D63

Monochromacy



Original Color
535E60

Achromatopsia
5B5B5B

Achromatomaly
585C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 535E60 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 #535E60 looks like.

```
.text, #text, p{  
    color:#535E60  
}
```

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 #535E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535E60
}
```

Border

The CSS property to change the border of an element to Hex 535E60 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
#535E60 }
```

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

```
.border{ border-color:#535E60 }
```

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

Here you see how a box with a 4 pixel #535E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535E60; -webkit-box-shadow:4px 4px  
4px 4px #535E60; box-shadow:4px 4px 4px  
4px #535E60 }
```

Background

The CSS property to change the background color of an element to Hex 535E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535E60 }
```

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

```
.background{ background-color:#535E60 }
```

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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