

Converting Colors

Hex(535E65)

Have a look what the booklet for
Hex(535E65) contains.

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Color

Hex(535E65)

Conversions

Conversions Part 1

Format	Color
Hex	535E65
RGB	83, 94, 101
RGB Percent	33%, 37%, 40%
CMY	0.6745, 0.6314, 0.6039
CMYK	0.18, 0.07, 0.00, 0.60
HSL	203°, 10%, 36%
HSV	203°, 18%, 40%
XYZ	9.9189, 10.7840, 13.8707
YIQ	91.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

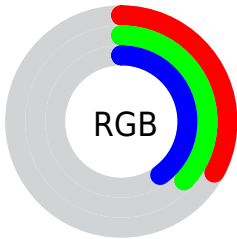
Format	Color
R_{YB}	83, 90, 101
Decimal	5463653
CIE _{Lab}	39.21, -2.59, -5.44
CIE _{LCh}	39, 6.022, 244.533
Yxy	10.7840, 0.2869, 0.3119
Android (android.graphics.Color)	4283653733 (0xFF535E65)
YUV	91.5090, 4.6791, -7.4624
Hunter-Lab	32.8390, -3.5527, -2.0558

Details

The Hex color **535E65** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **655A53**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **859098**, and **263036** is the 20% darker color. If you saturate the color by 10%, you get **495A65**, and if you desaturate by 10%, it is **5D6265**.

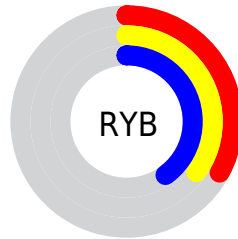
Distribution



Red (33%)

Green (37%)

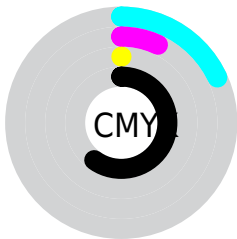
Blue (40%)



Red (33%)

Yellow (35%)

Blue (40%)

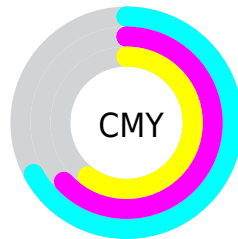


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (60%)



Cyan (67%)

Magenta (63%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535E65 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 535E65 by changing the saturation by 10% instead.

■ 535E65

■ 535E65

FFFFFF

■ 3C464D

■ 859098

■ 263036

■ 9FABB3

■ 111B21

■ BAC6CE

■ 00000A

■ D6E2EA

■ 000000

■ F2FFFF

■ 535E65

■ 535E65

■ 495A65

■ 5D6265

■ 3F5665

■ 676665

■ 355265

■ 716A65

■ 2B4E65

■ 7B6E65

■ 214A65

■ 867265

■ 164665

■ 907665

■ 0C4365

■ 9A7965

■ 023F65

■ A47D65

■ 003E65

■ AE8165

Harmonies

Analogous

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



505F62



535E65



585C66

Triad

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



535E65



67595C



5A5E54

Complementary

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



535E65



655A53

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.



605C53



535E65



675957

Square

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



535E65



645A61



645B54



555F58

Rectangle

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



535E65



5C5B65



645B54



5C5D53

Sweetspot

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



535E65



7C8082



53655A



3E4142



C2C2C2



424242

Same Dimension

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



535E65



677782



535565



2E3133



004673



0094F2

Inverse Universe

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



65535E



826777



656353



332E31



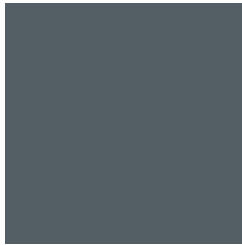
730046



F20094

Previews

White Background



This preview shows how the Hex color 535E65 looks on a white background.

Color Contrast Check

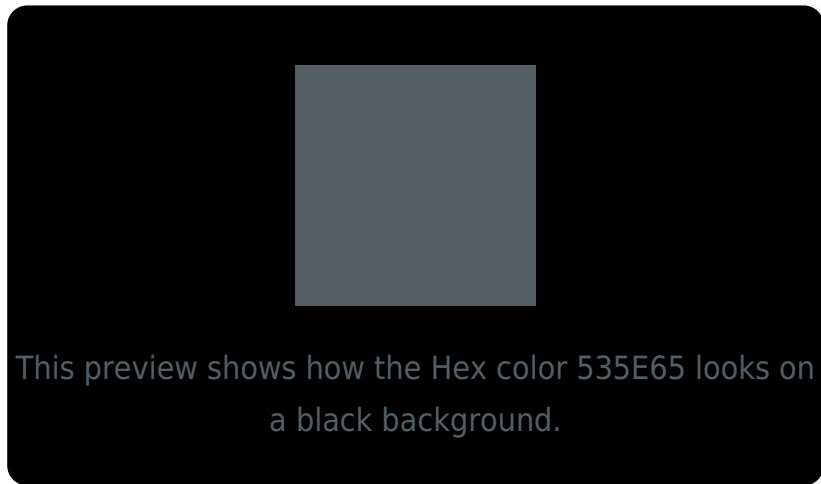
Large Text (above 18pt) WCAG AA ✓ Pass

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

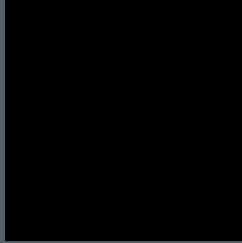
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

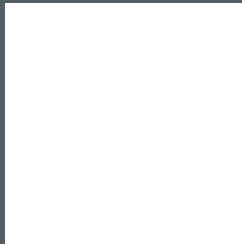
Any Text WCAG AAA × Fail

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

Hex 535E65 Background



This preview shows how black text looks on a background with the Hex color 535E65.



This preview shows how white text looks on a background with the Hex color 535E65.

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
535E65

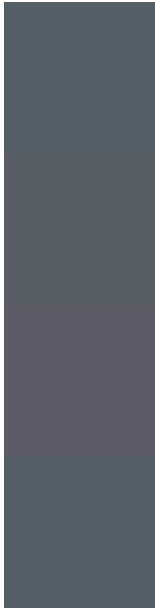
Protanopia
5C5C64

Deuteranopia
615A66



Tritanopia
535E65

Trichromacy



Original Color
535E65

Protanomaly
595D64

Deuteranomaly
5C5B66

Tritanomaly
535E65

Monochromacy



Original Color
535E65

Achromatopsia
5C5C5C

Achromatomaly
595D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 535E65 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 #535E65 looks like.

```
.text, #text, p{  
    color:#535E65  
}
```

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 #535E65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535E65  
}
```

Border

The CSS property to change the border of an element to Hex 535E65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

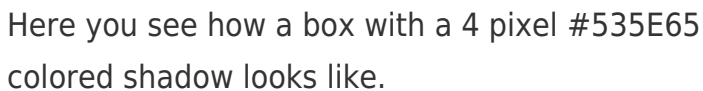
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#535E65 }
```

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

```
.border{ border-color:#535E65 }
```

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



Here you see how a box with a 4 pixel #535E65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535E65; -webkit-box-shadow:4px 4px  
4px 4px #535E65; box-shadow:4px 4px 4px  
4px #535E65 }
```

Background

The CSS property to change the background color of an element to Hex 535E65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535E65 }
```

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

```
.background{ background-color:#535E65 }
```

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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