

Converting Colors

Hex(535E73)

Have a look what the booklet for
Hex(535E73) contains.

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Color

Hex(535E73)

Conversions

Conversions Part 1

Format	Color
Hex	535E73
RGB	83, 94, 115
RGB Percent	33%, 37%, 45%
CMY	0.6745, 0.6314, 0.5490
CMYK	0.28, 0.18, 0.00, 0.55
HSL	219°, 16%, 39%
HSV	219°, 28%, 45%
XYZ	10.6645, 11.0822, 17.7967
YIQ	93.1050, -13.2970, 4.1990

Conversions

Conversions Part 2

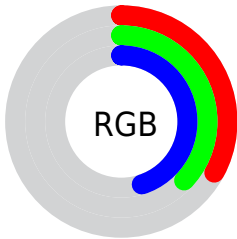
Format	Color
R_{YB}	83, 91, 115
Decimal	5463667
CIE Lab	39.72, 0.99, -13.28
CIE LCh	40, 13.322, 274.275
Yxy	11.0822, 0.2697, 0.2803
Android (android.graphics.Color)	4283653747 (0xFF535E73)
YUV	93.1050, 10.7942, -8.8621
Hunter-Lab	33.2900, -1.0746, -8.3932

Details

The Hex color **535E73** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **736853**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8590A7**, and **253043** is the 20% darker color. If you saturate the color by 10%, you get **485673**, and if you desaturate by 10%, it is **5F6673**.

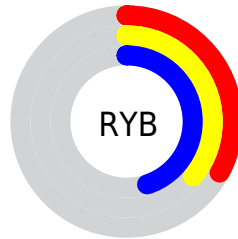
Distribution



Red (33%)

Green (37%)

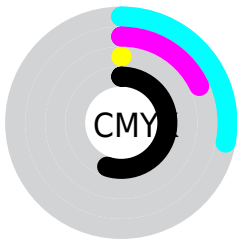
Blue (45%)



Red (33%)

Yellow (36%)

Blue (45%)

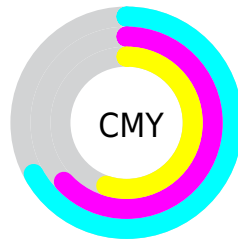


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (55%)



Cyan (67%)

Magenta (63%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535E73 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 535E73 by changing the saturation by 10% instead.

■ 535E73

■ 535E73

FFFFFF

■ 3B465A

■ 8590A7

■ 253043

■ 9FABC2

■ 0F1B2D

■ BBC6DE

■ 000119

■ D6E2FB

■ 000000

■ F3FFFF

■ 535E73

■ 535E73

■ 485673

■ 5F6673

■ 3C4F73

■ 6A6D73

■ 314773

■ 767573

■ 254073

■ 817C73

■ 1A3873

■ 8D8473

■ 0E3173

■ 988B73

■ 032973

■ A49373

■ 002873

■ AF9A73

■ BBA273

Harmonies

Analogous

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



466171



535E73



615A6F

Triad

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



535E73



735752



4C6354

Complementary

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



535E73



736853

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.



58614B



535E73



6E5A4A

Square

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



535E73



73565C



645D48



43645F

Rectangle

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



535E73



6A586A



645D48



506251

Sweetspot

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



535E73



8A8F96



537368



45474D



CCCCCC



4D4D4D

Same Dimension

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



535E73



657696



585373



35373B



002A7A



0056FA

Inverse Universe

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



73535E



966576



6E7353



3B3537



7A002A



FA0056

Previews

White Background



This preview shows how the Hex color 535E73 looks on a white background.

Color Contrast Check

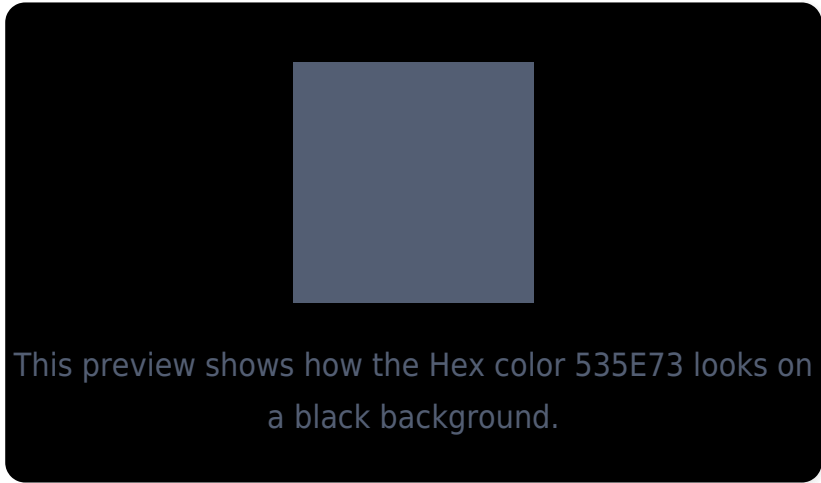
Large Text (above 18pt) WCAG AA ✓ Pass

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

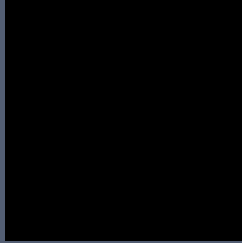
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

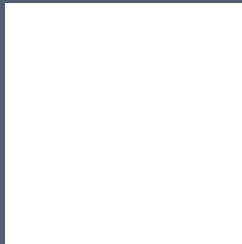
Any Text WCAG AAA × Fail

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

Hex 535E73 Background



This preview shows how black text looks on a background with the Hex color 535E73.

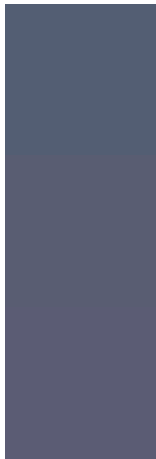


This preview shows how white text looks on a background with the Hex color 535E73.

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
535E73

Protanopia
595D72

Deuteranopia
5B5C74



Tritanopia
516068

Trichromacy



Original Color
535E73

Protanomaly
575D72

Deuteranomaly
585D74

Tritanomaly
525F6C

Monochromacy



Original Color
535E73

Achromatopsia
5D5D5D

Achromatomaly
595D65

CSS Examples

Text

The CSS property to change the color of the text to Hex 535E73 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 #535E73 looks like.

```
.text, #text, p{  
    color:#535E73  
}
```

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 #535E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535E73
}
```

Border

The CSS property to change the border of an element to Hex 535E73 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
#535E73 }
```

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

```
.border{ border-color:#535E73 }
```

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

Here you see how a box with a 4 pixel #535E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535E73; -webkit-box-shadow:4px 4px  
4px 4px #535E73; box-shadow:4px 4px 4px  
4px #535E73 }
```

Background

The CSS property to change the background color of an element to Hex 535E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535E73 }
```

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

```
.background{ background-color:#535E73 }
```

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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