

Converting Colors

Hex(535E80)

Have a look what the booklet for
Hex(535E80) contains.

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Color

Hex(535E80)

Conversions

Conversions Part 1

Format	Color
Hex	535E80
RGB	83, 94, 128
RGB Percent	33%, 37%, 50%
CMY	0.6745, 0.6314, 0.4980
CMYK	0.35, 0.27, 0.00, 0.50
HSL	225°, 21%, 41%
HSV	225°, 35%, 50%
XYZ	11.4663, 11.4029, 22.0187
YIQ	94.5870, -17.4700, 8.2420

Conversions

Conversions Part 2

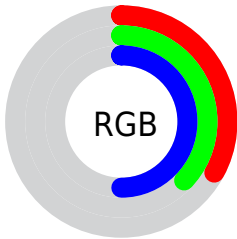
Format	Color
R _{YB}	83, 92, 128
Decimal	5463680
CIE Lab	40.25, 4.60, -20.41
CIE LCh	40, 20.919, 282.692
Yxy	11.4029, 0.2554, 0.2540
Android (android.graphics.Color)	4283653760 (0xFF535E80)
YUV	94.5870, 16.4726, -10.1618
Hunter-Lab	33.7682, 1.5167, -15.0226

Details

The Hex color **535E80** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **807553**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8690B5**, and **23304F** is the 20% darker color. If you saturate the color by 10%, you get **465480**, and if you desaturate by 10%, it is **606880**.

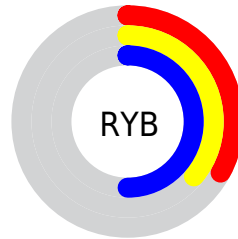
Distribution



Red (33%)

Green (37%)

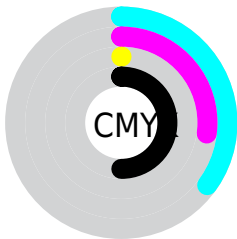
Blue (50%)



Red (33%)

Yellow (36%)

Blue (50%)

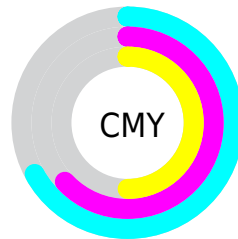


Cyan (35%)

Magenta (27%)

Yellow (0%)

Black (50%)



Cyan (67%)

Magenta (63%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535E80 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 535E80 by changing the saturation by 10% instead.

■ 535E80

■ 535E80

FFFFFF

■ 3B4667

■ 8690B5

■ 23304F

■ A0ABD1

■ 0B1C38

■ BCC6ED

■ 000022

■ D8E2FF

■ 000009

■ F4FFFF

■ 000000

■ 535E80

■ 535E80

■ 465480

■ 606880

■ 394B80

■ 6D7180

■ 2D4180

■ 797B80

■ 203780

■ 868580

■ 132E80

■ 938E80

■ 062480

■ A09880

■ 001F80

■ ADA280

■ B9AB80

■ C6B580

Harmonies

Analogous

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



39637F



535E80



6A5878

Triad

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



535E80



7E5548



3C6754

Complementary

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



535E80



807553

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.



506545



535E80



735A3F

Square

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



535E80



815258



63603D



2A6866

Rectangle

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



535E80



76546F



63603D



43674F

Sweetspot

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



535E80



9498A6



538075



494C54



D4D4D4



545454

Same Dimension

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



535E80



6071A6



5E5380



393B40



001F80



000000

Inverse Universe

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



80535E



A66071



758053



40393B



80001F



000000

Previews

White Background



This preview shows how the Hex color 535E80 looks on a white background.

Color Contrast Check

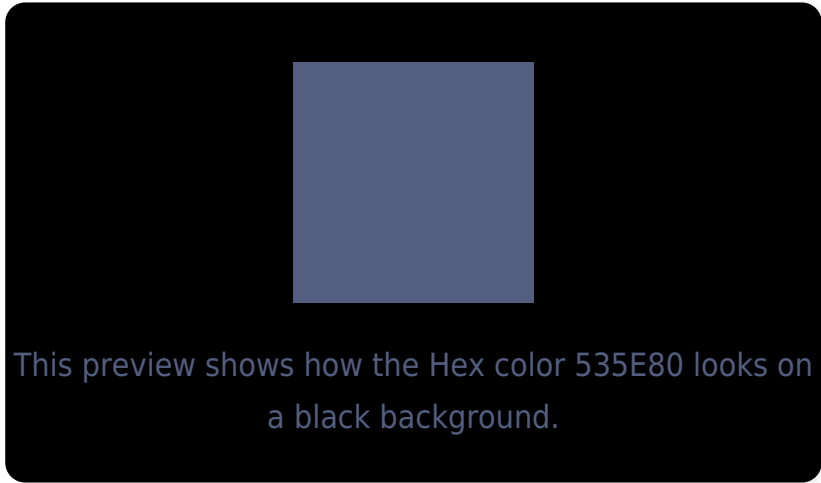
Large Text (above 18pt) WCAG AA ✓ Pass

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

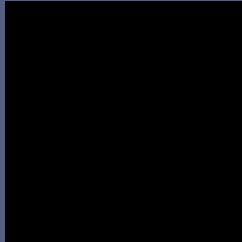
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

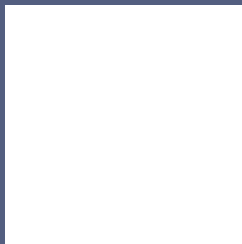
Any Text WCAG AAA × Fail

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

Hex 535E80 Background



This preview shows how black text looks on a background with the Hex color 535E80.

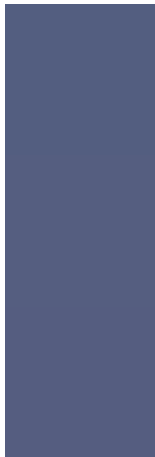


This preview shows how white text looks on a background with the Hex color 535E80.

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](#).

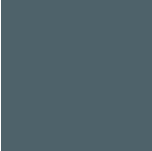
Dichromacy



Original Color
535E80

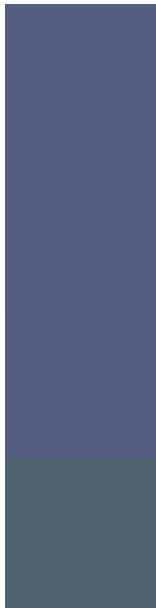
Protanopia
555E80

Deuteranopia
555D80



Tritanopia
4E626A

Trichromacy



Original Color
535E80

Protanomaly
545E80

Deuteranomaly
545D80

Tritanomaly
506172

Monochromacy



Original Color
535E80

Achromatopsia
5F5F5F

Achromatomaly
5B5F6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 535E80 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 #535E80 looks like.

```
.text, #text, p{  
    color:#535E80  
}
```

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 #535E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535E80
}
```

Border

The CSS property to change the border of an element to Hex 535E80 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
#535E80 }
```

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

```
.border{ border-color:#535E80 }
```

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

Here you see how a box with a 4 pixel #535E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535E80; -webkit-box-shadow:4px 4px  
4px 4px #535E80; box-shadow:4px 4px 4px  
4px #535E80 }
```

Background

The CSS property to change the background color of an element to Hex 535E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535E80 }
```

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

```
.background{ background-color:#535E80 }
```

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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