

Converting Colors

Hex(5E6F70)

Have a look what the booklet for
Hex(5E6F70) contains.

Hex(5E6F70)	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(5E6F70)

Conversions

Conversions Part 1

Format	Color
Hex	5E6F70
RGB	94, 111, 112
RGB Percent	37%, 44%, 44%
CMY	0.6314, 0.5647, 0.5608
CMYK	0.16, 0.01, 0.00, 0.56
HSL	183°, 9%, 40%
HSV	183°, 16%, 44%
XYZ	13.2252, 14.9184, 17.5117
YIQ	106.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

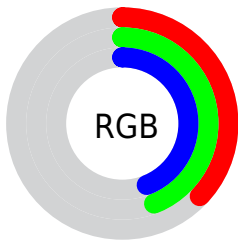
Format	Color
R _Y B	94, 103, 112
Decimal	6188912
CIE Lab	45.52, -6.09, -2.69
CIE LCh	46, 6.656, 203.850
Yxy	14.9184, 0.2897, 0.3268
Android (android.graphics.Color)	4284378992 (0xFF5E6F70)
YUV	106.0310, 2.9427, -10.5512
Hunter-Lab	38.6244, -6.4734, 0.1558

Details

The Hex color **5E6F70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705F5E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **91A3A4**, and **303F40** is the 20% darker color. If you saturate the color by 10%, you get **536E70**, and if you desaturate by 10%, it is **697070**.

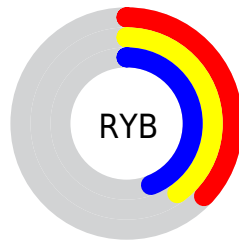
Distribution



Red (37%)

Green (44%)

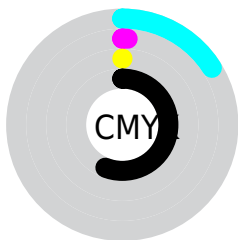
Blue (44%)



Red (37%)

Yellow (40%)

Blue (44%)

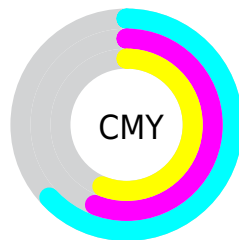


Cyan (16%)

Magenta (1%)

Yellow (0%)

Black (56%)



Cyan (63%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6F70 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 5E6F70 by changing the saturation by 10% instead.

■ 5E6F70

■ 5E6F70

FFFFFF

■ 465758

■ 91A3A4

■ 303F40

■ ABBEBF

■ 1A292A

■ C7D9DB

■ 011516

■ E3F6F7

■ 000000

■ 5E6F70

■ 5E6F70

■ 536E70

■ 697070

■ 486E70

■ 747070

■ 3C6D70

■ 807170

■ 316D70

■ 8B7170

■ 266C70

■ 967270

■ 1B6B70

■ A17370

■ 106B70

■ AC7370

■ 046A70

■ B87470

■ 006A70

■ C37570

Harmonies

Analogous

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



606F6A



5E6F70



606E74

Triad

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



5E6F70



726972



726B61

Complementary

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



5E6F70



705F5E

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.



766963



5E6F70



76686D

Square

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



5E6F70



6C6B76



786867



6C6D62

Rectangle

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



5E6F70



636D76



786867



736A61

Sweetspot

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



5E6F70



8A9191



5E705F



464A4A



C9C9C9



4A4A4A

Same Dimension

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



5E6F70



769091



5E6670



323838



007178



00EAF7

Inverse Universe

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



705E6F



917690



70685E



383238



780071



F700EA

Previews

White Background



This preview shows how the Hex color 5E6F70 looks on a white background.

Color Contrast Check

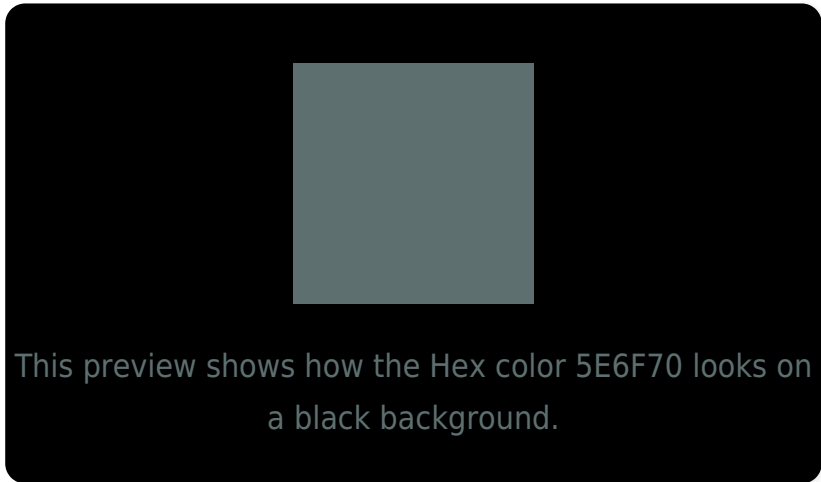
Large Text (above 18pt) WCAG AA ✓ Pass

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

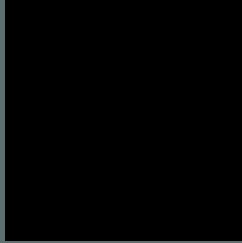
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

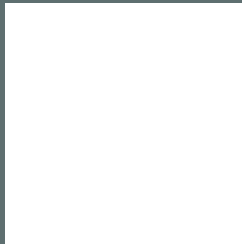
Any Text WCAG AAA × Fail

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

Hex 5E6F70 Background



This preview shows how black text looks on a background with the Hex color 5E6F70.



This preview shows how white text looks on a background with the Hex color 5E6F70.

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
5E6F70

Protanopia
6D6B6E

Deuteranopia
736871



Tritanopia
5F6E77

Trichromacy



Original Color

5E6F70

Protanomaly

686C6F

Deuteranomaly

6B6B71

Tritanomaly

5F6E74

Monochromacy



Original Color

5E6F70

Achromatopsia

6A6A6A

Achromatomaly

666C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6F70 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 #5E6F70 looks like.

```
.text, #text, p{  
    color:#5E6F70  
}
```

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 #5E6F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6F70
}
```

Border

The CSS property to change the border of an element to Hex 5E6F70 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
#5E6F70 }
```

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

```
.border{ border-color:#5E6F70 }
```

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

Here you see how a box with a 4 pixel #5E6F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6F70; -webkit-box-shadow:4px 4px  
4px 4px #5E6F70; box-shadow:4px 4px 4px  
4px #5E6F70 }
```

Background

The CSS property to change the background color of an element to Hex 5E6F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6F70 }
```

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

```
.background{ background-color:#5E6F70 }
```

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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