

Converting Colors

Hex(5E6F8E)

Have a look what the booklet for
Hex(5E6F8E) contains.

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Color

Hex(5E6F8E)

Conversions

Conversions Part 1

Format	Color
Hex	5E6F8E
RGB	94, 111, 142
RGB Percent	37%, 44%, 56%
CMY	0.6314, 0.5647, 0.4431
CMYK	0.34, 0.22, 0.00, 0.44
HSL	219°, 20%, 46%
HSV	219°, 34%, 56%
XYZ	15.1830, 15.7016, 27.8217
YIQ	109.4510, -20.0830, 6.0370

Conversions

Conversions Part 2

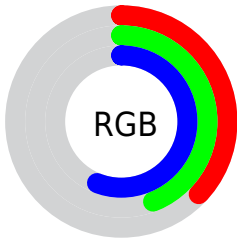
Format	Color
R_{YB}	94, 107, 142
Decimal	6188942
CIE _{Lab}	46.58, 1.55, -19.02
CIE _{LCh}	47, 19.078, 274.667
Yxy	15.7016, 0.2586, 0.2675
Android (android.graphics.Color)	4284379022 (0xFF5E6F8E)
YUV	109.4510, 16.0467, -13.5505
Hunter-Lab	39.6252, -0.9490, -13.8911

Details

The Hex color **5E6F8E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8E7D5E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **92A3C4**, and **2D405C** is the 20% darker color. If you saturate the color by 10%, you get **50668E**, and if you desaturate by 10%, it is **6C788E**.

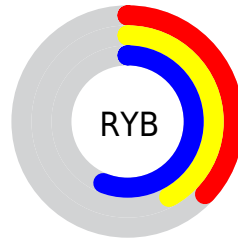
Distribution



Red (37%)

Green (44%)

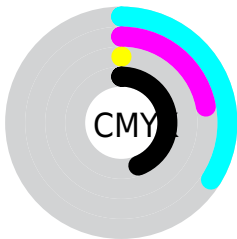
Blue (56%)



Red (37%)

Yellow (42%)

Blue (56%)

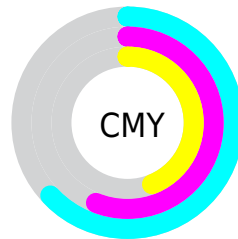


Cyan (34%)

Magenta (22%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6F8E 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 5E6F8E by changing the saturation by 10% instead.

■ 5E6F8E

■ 5E6F8E

FFFFFF

■ 455774

■ 92A3C4

■ 2D405C

■ ADBEE0

■ 152A44

■ C8D9FC

■ 00152E

■ E5F6FF

■ 000119

■ 000000

■ 5E6F8E

■ 5E6F8E

■ 50668E

■ 6C788E

■ 425D8E

■ 7A818E

■ 33538E

■ 898B8E

■ 254A8E

■ 97948E

■ 17418E

■ A59D8E

■ 09388E

■ B3A68E

■ 00328E

■ C1AF8E

■ D0B88E

■ DEC28E

Harmonies

Analogous

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



49748B



5E6F8E



746989

Triad

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



5E6F8E



8E645D



547660

Complementary

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



5E6F8E



8E7D5E

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.



667354



5E6F8E



866952

Square

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



5E6F8E



8E636C



786E4E



447770

Rectangle

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



5E6F8E



806681



786E4E



5A755B

Sweetspot

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



5E6F8E



A5ACB8



5E8E7C



51555C



DBDBDB



5C5C5C

Same Dimension

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



5E6F8E



6C87B8



645E8E



404347



003087



000308

Inverse Universe

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



8E5E6F



B86C87



888E5E



474043



870030



080003

Previews

White Background



This preview shows how the Hex color 5E6F8E looks on a white background.

Color Contrast Check

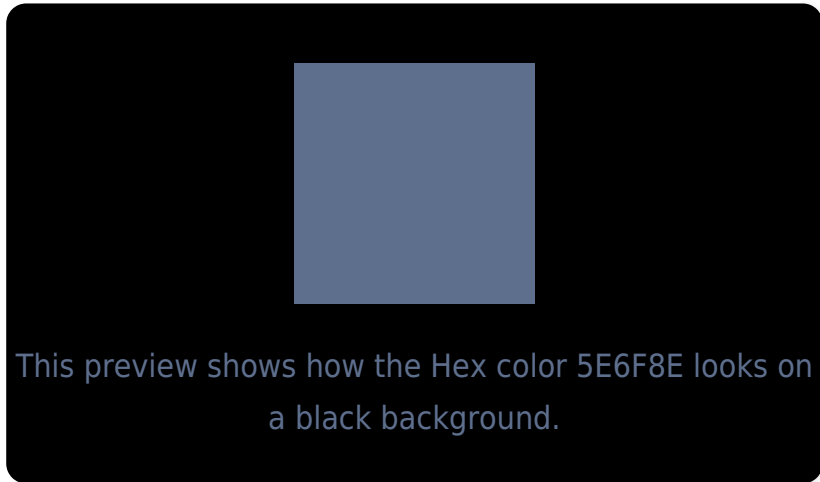
Large Text (above 18pt) WCAG AA ✓ Pass

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

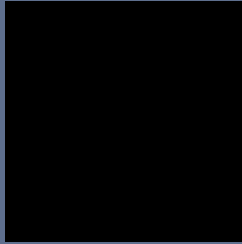
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

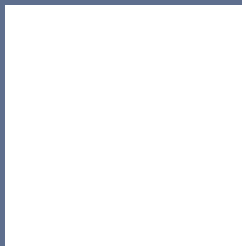
Any Text WCAG AAA × Fail

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

Hex 5E6F8E Background



This preview shows how black text looks on a background with the Hex color 5E6F8E.

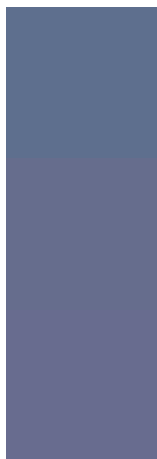


This preview shows how white text looks on a background with the Hex color 5E6F8E.

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

5E6F8E

Protanopia

666D8D

Deuteranopia

686C8F



Tritanopia
5A727B

Trichromacy



Original Color

5E6F8E

Protanomaly

636E8D

Deuteranomaly

646D8F

Tritanomaly

5B7182

Monochromacy



Original Color

5E6F8E

Achromatopsia

6D6D6D

Achromatomaly

686E79

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6F8E 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 #5E6F8E looks like.

```
.text, #text, p{  
    color:#5E6F8E  
}
```

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 #5E6F8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6F8E
}
```

Border

The CSS property to change the border of an element to Hex 5E6F8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

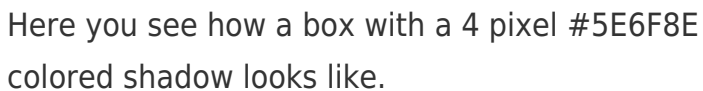
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E6F8E }
```

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

```
.border{ border-color:#5E6F8E }
```

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



Here you see how a box with a 4 pixel #5E6F8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6F8E; -webkit-box-shadow:4px 4px  
4px 4px #5E6F8E; box-shadow:4px 4px 4px  
4px #5E6F8E }
```

Background

The CSS property to change the background color of an element to Hex 5E6F8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6F8E }
```

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

```
.background{ background-color:#5E6F8E }
```

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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