

Converting Colors

Hex(5E6D6C)

Have a look what the booklet for
Hex(5E6D6C) contains.

Hex(5E6D6C)	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(5E6D6C)

Conversions

Conversions Part 1

Format	Color
Hex	5E6D6C
RGB	94, 109, 108
RGB Percent	37%, 43%, 42%
CMY	0.6314, 0.5725, 0.5765
CMYK	0.14, 0.00, 0.01, 0.57
HSL	176°, 7%, 40%
HSV	176°, 14%, 43%
XYZ	12.7915, 14.3997, 16.2926
YIQ	104.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

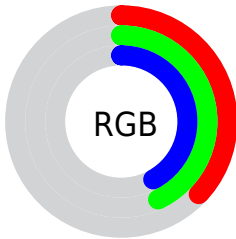
Format	Color
R_{YB}	94, 102, 109
Decimal	6188396
CIE _{Lab}	44.80, -5.84, -1.35
CIE _{LCh}	45, 5.996, 193.017
Yxy	14.3997, 0.2942, 0.3312
Android (android.graphics.Color)	4284378476 (0xFF5E6D6C)
YUV	104.4010, 1.7743, -9.1217
Hunter-Lab	37.9469, -6.2366, 1.1065

Details

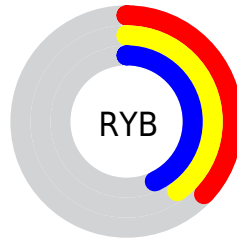
The Hex color **5E6D6C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D5E5F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **91A09F**, and **303E3D** is the 20% darker color. If you saturate the color by 10%, you get **536D6B**, and if you desaturate by 10%, it is **696D6D**.

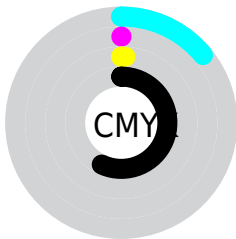
Distribution



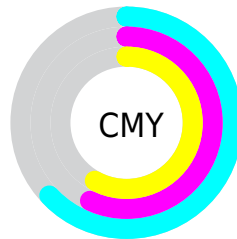
- Red (37%)
- Green (43%)
- Blue (42%)



- Red (37%)
- Yellow (40%)
- Blue (43%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (57%)



- Cyan (63%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6D6C 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 5E6D6C by changing the saturation by 10% instead.

■ 5E6D6C

■ 5E6D6C

FFFFFF

■ 465554

■ 91A09F

■ 303E3D

■ ABBBBA

■ 1B2827

■ C6D7D6

■ 011312

■ E2F4F2

■ 000000

■ 5E6D6C

■ 5E6D6C

■ 536D6B

■ 696D6D

■ 486D6B

■ 746D6D

■ 3D6D6A

■ 7F6D6E

■ 326D69

■ 8A6D6F

■ 286D68

■ 956D70

■ 1D6D68

■ 9F6D70

■ 126D67

■ AA6D71

■ 076D66

■ B56D72

■ 006D66

■ C06D73

Harmonies

Analogous

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



616D67



5E6D6C



5E6C71

Triad

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



5E6D6C



6E6871



716961

Complementary

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



5E6D6C



6D5E5F

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.



746763



5E6D6C



72676D

Square

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



5E6D6C



686A74



756768



6C6A60

Rectangle

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



5E6D6C



606C73



756768



726861

Sweetspot

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



5E6D6C



898F8E



5F6D5E



444747



C7C7C7



474747

Same Dimension

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



5E6D6C



778F8D



5E676D



303635



00756D



00F5E4

Inverse Universe

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



6D5E5F



8F7778



6D655E



363031



750008



F50010

Previews

White Background



This preview shows how the Hex color 5E6D6C looks on a white background.

Color Contrast Check

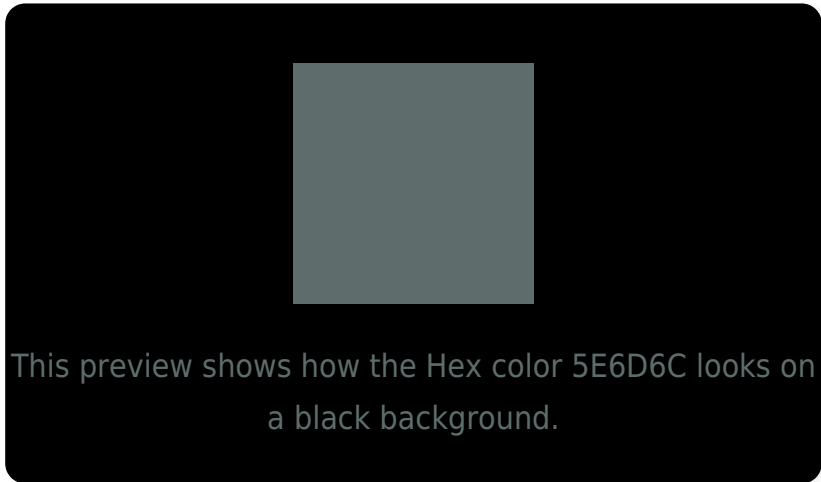
Large Text (above 18pt) WCAG AA ✓ Pass

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

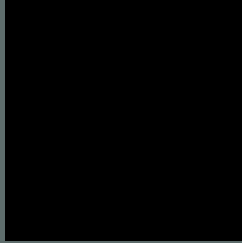
Any Text WCAG AA × Fail

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 5E6D6C Background



This preview shows how black text looks on a background with the Hex color 5E6D6C.



This preview shows how white text looks on a background with the Hex color 5E6D6C.

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](#).

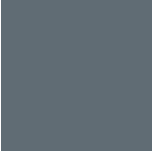
Dichromacy



Original Color
5E6D6C

Protanopia
6C696A

Deuteranopia
72676D



Tritanopia
606C74

Trichromacy



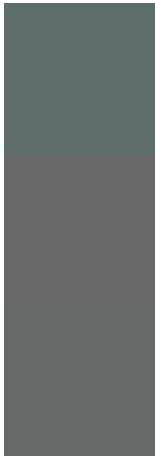
Original Color
5E6D6C

Protanomaly
676A6B

Deuteranomaly
6B696D

Tritanomaly
5F6C71

Monochromacy



Original Color
5E6D6C

Achromatopsia
686868

Achromatomaly
646A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6D6C 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 #5E6D6C looks like.

```
.text, #text, p{  
    color:#5E6D6C  
}
```

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 #5E6D6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6D6C
}
```

Border

The CSS property to change the border of an element to Hex 5E6D6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

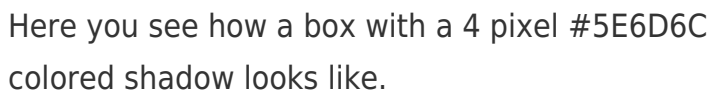
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E6D6C }
```

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

```
.border{ border-color:#5E6D6C }
```

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



Here you see how a box with a 4 pixel #5E6D6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6D6C; -webkit-box-shadow:4px 4px  
4px 4px #5E6D6C; box-shadow:4px 4px 4px  
4px #5E6D6C }
```

Background

The CSS property to change the background color of an element to Hex 5E6D6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6D6C }
```

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

```
.background{ background-color:#5E6D6C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor