

Converting Colors

Hex(5F656A)

Have a look what the booklet for
Hex(5F656A) contains.

Hex(5F656A)	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(5F656A)

Conversions

Conversions Part 1

Format	Color
Hex	5F656A
RGB	95, 101, 106
RGB Percent	37%, 40%, 42%
CMY	0.6275, 0.6039, 0.5843
CMYK	0.10, 0.05, 0.00, 0.58
HSL	207°, 5%, 39%
HSV	207°, 10%, 42%
XYZ	11.9745, 12.7809, 15.4715
YIQ	99.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

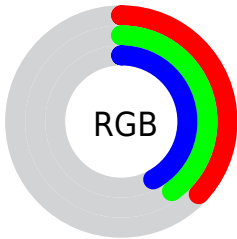
Format	Color
R_{YB}	95, 99, 106
Decimal	6251882
CIE Lab	42.43, -1.20, -3.62
CIE LCh	42, 3.816, 251.617
Yxy	12.7809, 0.2977, 0.3177
Android (android.graphics.Color)	4284441962 (0xFF5F656A)
YUV	99.7760, 3.0684, -4.1886
Hunter-Lab	35.7503, -2.7748, -0.6334

Details

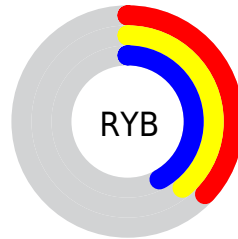
The Hex color **5F656A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A645F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **91989D**, and **31363B** is the 20% darker color. If you saturate the color by 10%, you get **54606A**, and if you desaturate by 10%, it is **6A6A6A**.

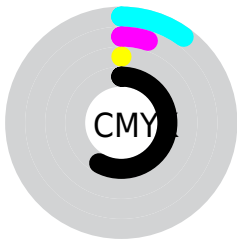
Distribution



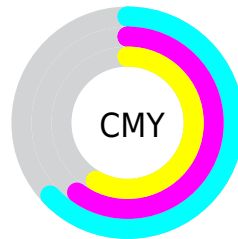
- Red (37%)
- Green (40%)
- Blue (42%)



- Red (37%)
- Yellow (39%)
- Blue (42%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F656A 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 5F656A by changing the saturation by 10% instead.

■ 5F656A

■ 5F656A

FFFFFF

■ 474D52

■ 91989D

■ 31363B

■ ACB3B8

■ 1C2125

■ C7CED4

■ 020A10

■ E3EAF0

■ 000000

■ 5F656A

■ 5F656A

■ 54606A

■ 6A6A6A

■ 4A5B6A

■ 746F6A

■ 3F576A

■ 7F736A

■ 35526A

■ 89786A

■ 2A4D6A

■ 947D6A

■ 1F486A

■ 9F826A

■ 15436A

■ A9876A

■ 0A3E6A

■ B48C6A

■ 003A6A

■ BE906A

Harmonies

Analogous

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



5D6668



5F656A



62646A

Triad

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



5F656A



6B6263



62655F

Complementary

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



5F656A



6A645F

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.



66645E



5F656A



6B6260

Square

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



5F656A



696266



69635E



5F6662

Rectangle

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



5F656A



656369



69635E



63655F

Sweetspot

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



5F656A



86888A



5F6A64



424445



C4C4C4



454545

Same Dimension

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



5F656A



79828A



5F606A



303336



004075



0086F5

Inverse Universe

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



6A5F65



8A7982



6A695F



363033



750040



F50086

Previews

White Background



This preview shows how the Hex color 5F656A looks on a white background.

Color Contrast Check

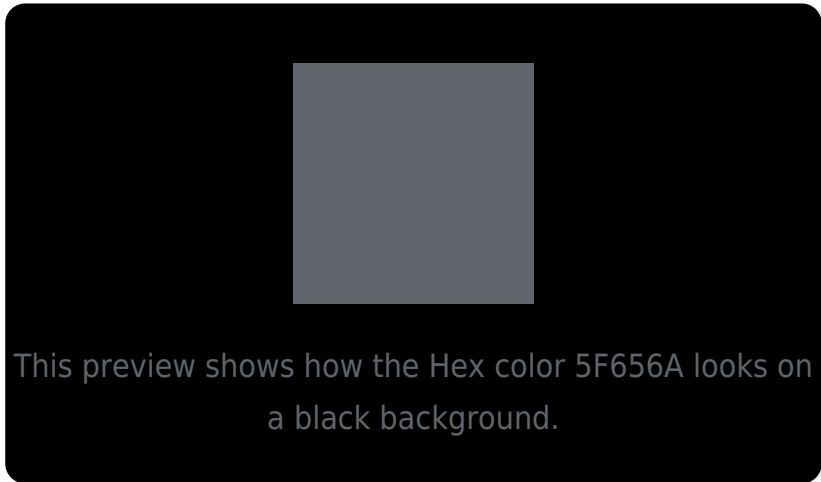
Large Text (above 18pt) WCAG AA ✓ Pass

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

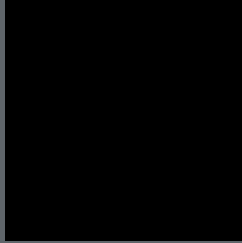
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

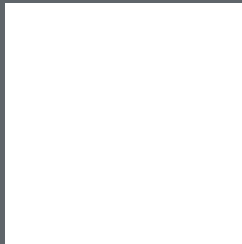
Any Text WCAG AAA × Fail

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

Hex 5F656A Background



This preview shows how black text looks on a background with the Hex color 5F656A.



This preview shows how white text looks on a background with the Hex color 5F656A.

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
5F656A

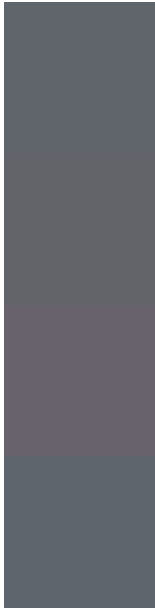
Protanopia
646369

Deuteranopia
6B616B



Tritanopia
5F656D

Trichromacy



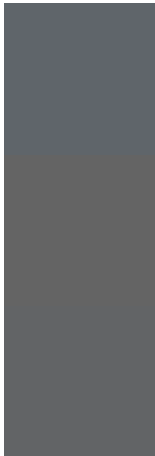
Original Color
5F656A

Protanomaly
626469

Deuteranomaly
67626B

Tritanomaly
5F656C

Monochromacy



Original Color
5F656A

Achromatopsia
646464

Achromatomaly
626466

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F656A 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 #5F656A looks like.

```
.text, #text, p{  
    color:#5F656A  
}
```

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 #5F656A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F656A
}
```

Border

The CSS property to change the border of an element to Hex 5F656A is called "border". The border property can be set on classes, ids or directly on the HTML element.

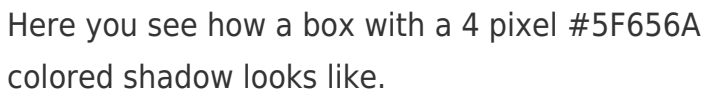
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F656A }
```

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

```
.border{ border-color:#5F656A }
```

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



Here you see how a box with a 4 pixel #5F656A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F656A; -webkit-box-shadow:4px 4px  
4px 4px #5F656A; box-shadow:4px 4px 4px  
4px #5F656A }
```

Background

The CSS property to change the background color of an element to Hex 5F656A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F656A }
```

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

```
.background{ background-color:#5F656A }
```

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