

Converting Colors

Hex(5D636E)

Have a look what the booklet for
Hex(5D636E) contains.

Hex(5D636E)	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(5D636E)

Conversions

Conversions Part 1

Format	Color
Hex	5D636E
RGB	93, 99, 110
RGB Percent	36%, 39%, 43%
CMY	0.6353, 0.6118, 0.5686
CMYK	0.15, 0.10, 0.00, 0.57
HSL	219°, 8%, 40%
HSV	219°, 15%, 43%
XYZ	11.7905, 12.3766, 16.5194
YIQ	98.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

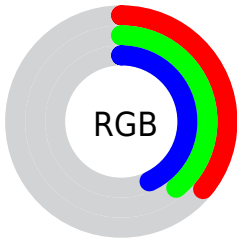
Format	Color
R_{YB}	93, 97, 110
Decimal	6120302
CIE Lab	41.81, 0.19, -7.00
CIE LCh	42, 7.002, 271.553
Yxy	12.3766, 0.2898, 0.3042
Android (android.graphics.Color)	4284310382 (0xFF5D636E)
YUV	98.4600, 5.6892, -4.7884
Hunter-Lab	35.1804, -1.7425, -3.2140

Details

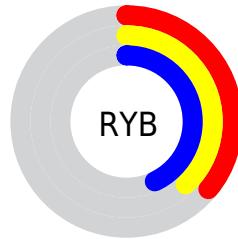
The Hex color **5D636E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E685D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8F96A2**, and **2F353E** is the 20% darker color. If you saturate the color by 10%, you get **525C6E**, and if you desaturate by 10%, it is **686A6E**.

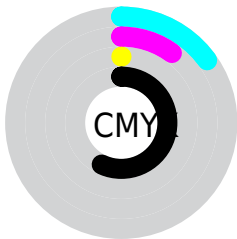
Distribution



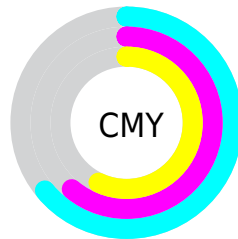
- Red (36%)
- Green (39%)
- Blue (43%)



- Red (36%)
- Yellow (38%)
- Blue (43%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (57%)



- Cyan (64%)
- Magenta (61%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D636E 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 5D636E by changing the saturation by 10% instead.



5D636E



5D636E

FFFFFF



454B56



8F96A2



2F353E



AAB0BD



1A1F29



C5CCD8



000714



E1E8F5



000000

FEFFFF



5D636E



5D636E



525C6E



686A6E



47556E



73716E

■ 3C4E6E

■ 7E786E

■ 31476E

■ 897F6E

■ 263F6E

■ 94876E

■ 1B386E

■ 9F8E6E

■ 10316E

■ AA956E

■ 052A6E

■ B59C6E

■ 00276E

■ C0A36E

Harmonies

Analogous

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



57656D



5D636E



64616C

Triad

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



5D636E



6F5F5D



5A655D

Complementary

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



5D636E



6E685D

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.



616459



5D636E



6C6059

Square

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



5D636E



6E5F63



676257



566663

Rectangle

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



5D636E



69606A



676257



5C655B

Sweetspot

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



5D636E



888A8F



5D6E68



434547



C7C7C7



474747

Same Dimension

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



5D636E



747D8F



5F5D6E



323438



002A78



0057F7

Inverse Universe

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



6E5D63



8F747D



6C6E5D



383234



78002A



F70057

Previews

White Background



This preview shows how the Hex color 5D636E 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

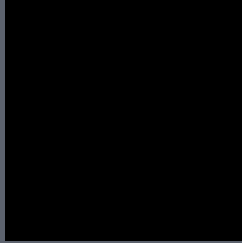
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

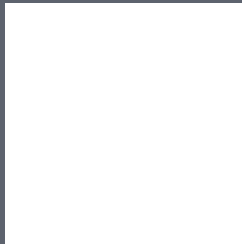
Any Text WCAG AAA × Fail

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

Hex 5D636E Background



This preview shows how black text looks on a background with the Hex color 5D636E.



This preview shows how white text looks on a background with the Hex color 5D636E.

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
5D636E

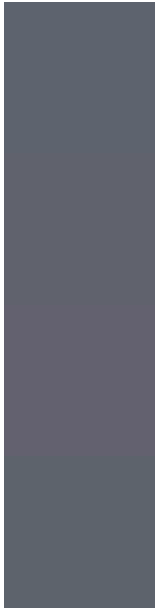
Protanopia
61626D

Deuteranopia
66606F



Tritanopia
5D636B

Trichromacy



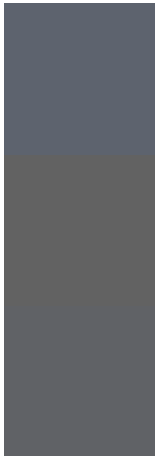
Original Color
5D636E

Protanomaly
60626D

Deuteranomaly
63616F

Tritanomaly
5D636C

Monochromacy



Original Color
5D636E

Achromatopsia
626262

Achromatomaly
606266

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D636E 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 #5D636E looks like.

```
.text, #text, p{  
    color:#5D636E  
}
```

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 #5D636E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D636E
}
```

Border

The CSS property to change the border of an element to Hex 5D636E is called "border". The border property can be set on classes, ids or directly on the HTML element.

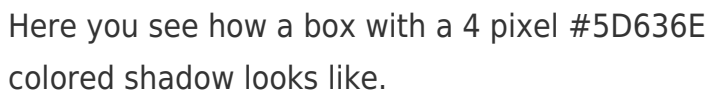
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D636E }
```

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

```
.border{ border-color:#5D636E }
```

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



Here you see how a box with a 4 pixel #5D636E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D636E; -webkit-box-shadow:4px 4px  
4px 4px #5D636E; box-shadow:4px 4px 4px  
4px #5D636E }
```

Background

The CSS property to change the background color of an element to Hex 5D636E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D636E }
```

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

```
.background{ background-color:#5D636E }
```

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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