

Converting Colors

Hex(65737E)

Have a look what the booklet for
Hex(65737E) contains.

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Color

Hex(65737E)

Conversions

Conversions Part 1

Format	Color
Hex	65737E
RGB	101, 115, 126
RGB Percent	40%, 45%, 49%
CMY	0.6039, 0.5490, 0.5059
CMYK	0.20, 0.09, 0.00, 0.51
HSL	206°, 11%, 45%
HSV	206°, 20%, 49%
XYZ	15.2635, 16.5345, 22.1257
YIQ	112.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

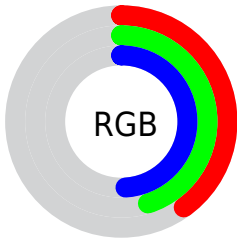
Format	Color
R_{YB}	101, 110, 126
Decimal	6648702
CIE _{Lab}	47.67, -2.66, -7.81
CIE _{LCh}	48, 8.249, 251.209
Yxy	16.5345, 0.2831, 0.3066
Android (android.graphics.Color)	4284838782 (0xFF65737E)
YUV	112.0680, 6.8685, -9.7066
Hunter-Lab	40.6627, -4.1565, -3.7974

Details

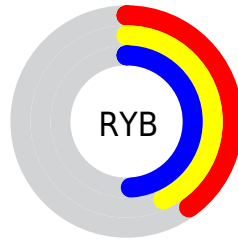
The Hex color **65737E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E7065**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **98A7B3**, and **36434D** is the 20% darker color. If you saturate the color by 10%, you get **586D7E**, and if you desaturate by 10%, it is **72797E**.

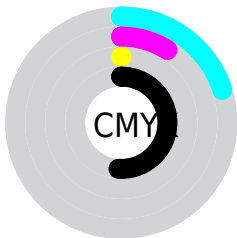
Distribution



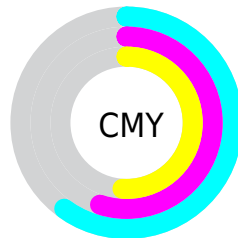
- Red (40%)
- Green (45%)
- Blue (49%)



- Red (40%)
- Yellow (43%)
- Blue (49%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65737E 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 65737E by changing the saturation by 10% instead.

■ 65737E

■ 65737E

FFFFFF

■ 4D5A65

■ 98A7B3

■ 36434D

■ B3C2CE

■ 202D36

■ CFDEEA

■ 0B1821

■ EBF AFF

■ 000009

■ 000000

■ 65737E

■ 65737E

■ 586D7E

■ 72797E

■ 4C687E

■ 7E7E7E

■ 3F627E

■ 8B847E

■ 335D7E

■ 97897E

■ 26577E

■ A48F7E

■ 19527E

■ B1947E

■ 0D4C7E

■ BD9A7E

■ 00477E

■ CA9F7E

■ D6A57E

Harmonies

Analogous

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



60757A



65737E



6D717F

Triad

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



65737E



806C6F



6C7367

Complementary

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



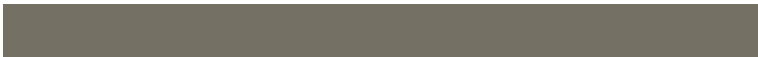
65737E



7E7065

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.



747164



65737E



7F6D68

Square

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



65737E



7D6D76



7B6F64



65756C

Rectangle

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



65737E



736F7D



7B6F64



6F7365

Sweetspot

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



65737E



999FA3



657E70



4C4F52



D1D1D1



525252

Same Dimension

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



65737E



7C92A3



65677E



393D40



004780



000000

Inverse Universe

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



7E6573



A37C92



7E7C65



40393D



800047



000000

Previews

White Background



This preview shows how the Hex color 65737E 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

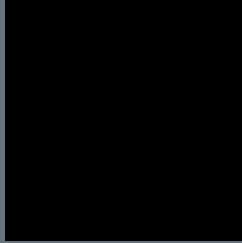
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

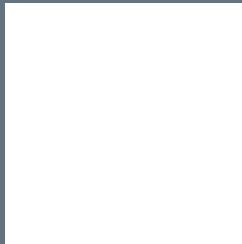
Any Text WCAG AAA × Fail

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

Hex 65737E Background



This preview shows how black text looks on a background with the Hex color 65737E.



This preview shows how white text looks on a background with the Hex color 65737E.

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
65737E

Protanopia
70707C

Deuteranopia
756E7F



Tritanopia
65737C

Trichromacy



Original Color
65737E

Protanomaly
6C717D

Deuteranomaly
6F707F

Tritanomaly
65737D

Monochromacy



Original Color
65737E

Achromatopsia
707070

Achromatomaly
6C7175

CSS Examples

Text

The CSS property to change the color of the text to Hex 65737E 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 #65737E looks like.

```
.text, #text, p{  
    color:#65737E  
}
```

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 #65737E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65737E
}
```

Border

The CSS property to change the border of an element to Hex 65737E is called "border". The border property can be set on classes, ids or directly on the HTML element.

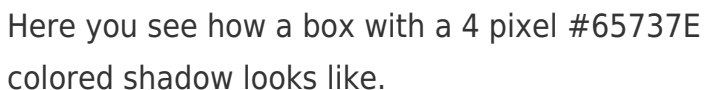
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65737E }
```

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

```
.border{ border-color:#65737E }
```

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



Here you see how a box with a 4 pixel #65737E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65737E; -webkit-box-shadow:4px 4px  
4px 4px #65737E; box-shadow:4px 4px 4px  
4px #65737E }
```

Background

The CSS property to change the background color of an element to Hex 65737E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65737E }
```

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

```
.background{ background-color:#65737E }
```

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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