

Converting Colors

Hex(626E80)

Have a look what the booklet for
Hex(626E80) contains.

Hex(626E80)	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(626E80)

Conversions

Conversions Part 1

Format	Color
Hex	626E80
RGB	98, 110, 128
RGB Percent	38%, 43%, 50%
CMY	0.6157, 0.5686, 0.4980
CMYK	0.23, 0.14, 0.00, 0.50
HSL	216°, 13%, 44%
HSV	216°, 23%, 50%
XYZ	14.5092, 15.3070, 22.6119
YIQ	108.4640, -12.9300, 3.0540

Conversions

Conversions Part 2

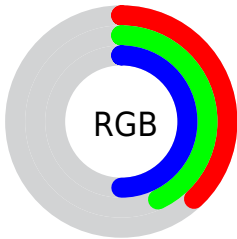
Format	Color
R_{YB}	98, 107, 128
Decimal	6450816
CIE _{Lab}	46.05, -0.24, -11.45
CIE _{LCh}	46, 11.454, 268.783
Yxy	15.3070, 0.2767, 0.2920
Android (android.graphics.Color)	4284640896 (0xFF626E80)
YUV	108.4640, 9.6312, -9.1769
Hunter-Lab	39.1242, -2.2707, -6.8798

Details

The Hex color **626E80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807462**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **95A1B5**, and **333F4F** is the 20% darker color. If you saturate the color by 10%, you get **556680**, and if you desaturate by 10%, it is **6F7680**.

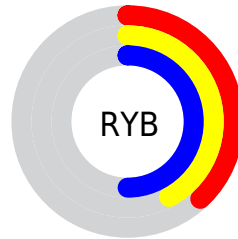
Distribution



Red (38%)

Green (43%)

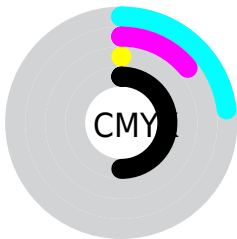
Blue (50%)



Red (38%)

Yellow (42%)

Blue (50%)

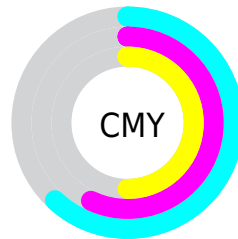


Cyan (23%)

Magenta (14%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (57%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 626E80 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 626E80 by changing the saturation by 10% instead.

■ 626E80

■ 626E80

FFFFFF

■ 4A5667

■ 95A1B5

■ 333F4F

■ B0BCD0

■ 1D2938

■ CBD8ED

■ 061423

■ E8F5FF

■ 00000B

■ 000000

■ 626E80

■ 626E80

■ 556680

■ 6F7680

■ 485F80

■ 7C7D80

■ 3C5780

■ 888580

■ 2F4F80

■ 958D80

■ 224880

■ A29480

■ 154080

■ AF9C80

■ 083880

■ BCA480

■ 003380

■ C8AB80

■ D5B380

Harmonies

Analogous

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



58717D



626E80



6E6B7E

Triad

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



626E80



816764



607263

Complementary

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



626E80



807462

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.



6B6F5C



626E80



7D695D

Square

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



626E80



80666E



756C5A



57736C

Rectangle

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



626E80



76697A



756C5A



637160

Sweetspot

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



626E80



9A9FA6



628074



4D5054



D4D4D4



545454

Same Dimension

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



626E80



778AA6



656280



393C40



003380



000000

Inverse Universe

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



80626E



A6778A



7D8062



40393C



800033



000000

Previews

White Background



This preview shows how the Hex color 626E80 looks on a white background.

Color Contrast Check

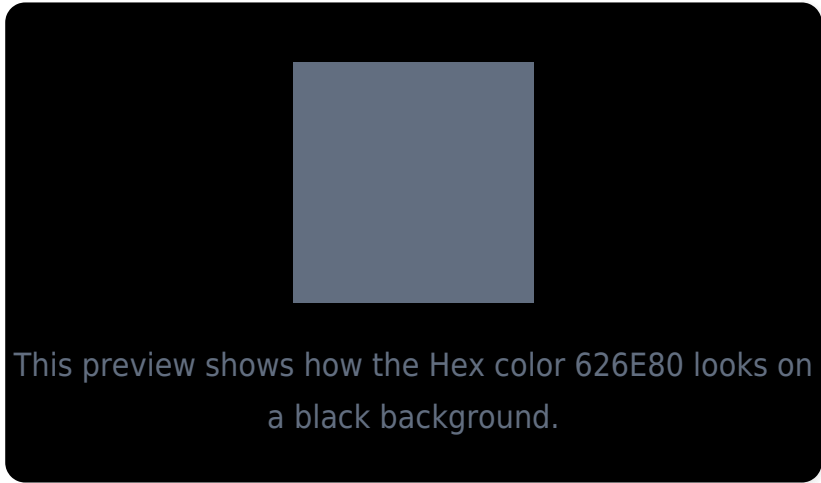
Large Text (above 18pt) WCAG AA ✓ Pass

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

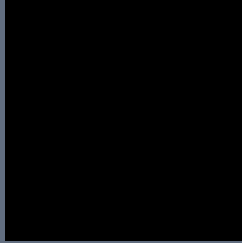
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

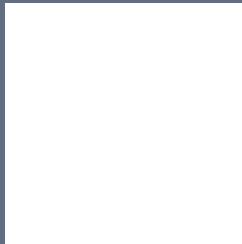
Any Text WCAG AAA × Fail

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

Hex 626E80 Background



This preview shows how black text looks on a background with the Hex color 626E80.

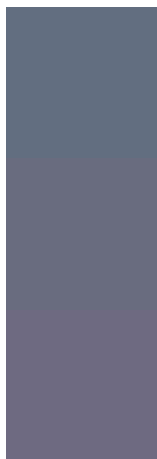


This preview shows how white text looks on a background with the Hex color 626E80.

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

626E80

Protanopia

696C7F

Deuteranopia

6E6A81



Tritanopia
606F78

Trichromacy



Original Color
626E80

Protanomaly
666D7F

Deuteranomaly
6A6B81

Tritanomaly
616F7B

Monochromacy



Original Color
626E80

Achromatopsia
6C6C6C

Achromatomaly
686D73

CSS Examples

Text

The CSS property to change the color of the text to Hex 626E80 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 #626E80 looks like.

```
.text, #text, p{  
    color:#626E80  
}
```

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 #626E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #626E80
}
```

Border

The CSS property to change the border of an element to Hex 626E80 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
#626E80 }
```

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

```
.border{ border-color:#626E80 }
```

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

Here you see how a box with a 4 pixel #626E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #626E80; -webkit-box-shadow:4px 4px  
4px 4px #626E80; box-shadow:4px 4px 4px  
4px #626E80 }
```

Background

The CSS property to change the background color of an element to Hex 626E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#626E80 }
```

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

```
.background{ background-color:#626E80 }
```

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