

Converting Colors

Hex(627C82)

Have a look what the booklet for
Hex(627C82) contains.

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Color

Hex(627C82)

Conversions

Conversions Part 1

Format	Color
Hex	627C82
RGB	98, 124, 130
RGB Percent	38%, 49%, 51%
CMY	0.6157, 0.5137, 0.4902
CMYK	0.25, 0.05, 0.00, 0.49
HSL	191°, 14%, 45%
HSV	191°, 25%, 51%
XYZ	16.2739, 18.6237, 23.8561
YIQ	116.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

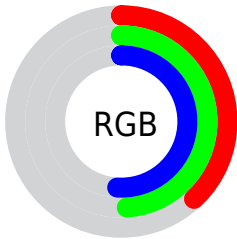
Format	Color
R_{YB}	98, 112, 130
Decimal	6454402
CIE _{Lab}	50.24, -7.89, -6.36
CIE _{LCh}	50, 10.133, 218.857
Yxy	18.6237, 0.2770, 0.3170
Android (android.graphics.Color)	4284644482 (0xFF627C82)
YUV	116.9100, 6.4534, -16.5841
Hunter-Lab	43.1552, -8.2087, -2.5668

Details

The Hex color **627C82** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **826862**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **95B1B7**, and **324B51** is the 20% darker color. If you saturate the color by 10%, you get **557A82**, and if you desaturate by 10%, it is **6F7E82**.

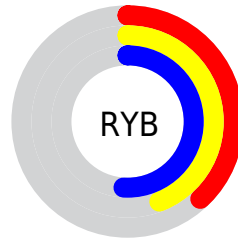
Distribution



Red (38%)

Green (49%)

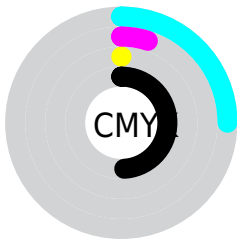
Blue (51%)



Red (38%)

Yellow (44%)

Blue (51%)

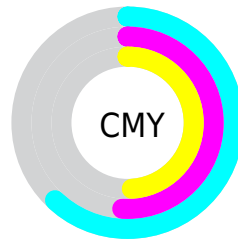


Cyan (25%)

Magenta (5%)

Yellow (0%)

Black (49%)



Cyan (62%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 627C82 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 627C82 by changing the saturation by 10% instead.

■ 627C82

■ 627C82

FFFFFF

■ 4A6369

■ 95B1B7

■ 324B51

■ B0CCD2

■ 1C353A

■ CCE8EF

■ 051F24

■ E8FFFF

■ 00020F

■ 000000

■ 627C82

■ 627C82

■ 557A82

■ 6F7E82

■ 487782

■ 7C8182

■ 3B7582

■ 898382

■ 2E7282

■ 968682

■ 217082

■ A38882

■ 146D82

■ B08B82

■ 076B82

■ BD8D82

■ 006A82

■ CA9082

■ D79282

Harmonies

Analogous

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



637D7A



627C82



687A87

Triad

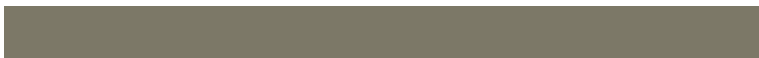
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



627C82



85727E



7C7867

Complementary

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



627C82



826862

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.



847568



627C82



8A7275

Square

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



627C82



7C7585



89736D



727A6A

Rectangle

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



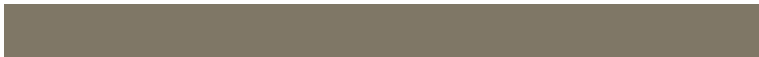
627C82



6E7889



89736D



7F7766

Sweetspot

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



627C82



9DA6A8



628268



4D5354



D4D4D4



545454

Same Dimension

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



627C82



769FA8



626C82



393F40



006880



000000

Inverse Universe

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



82627C



A8769F



827862



40393F



800068



000000

Previews

White Background



This preview shows how the Hex color 627C82 looks on a white background.

Color Contrast Check

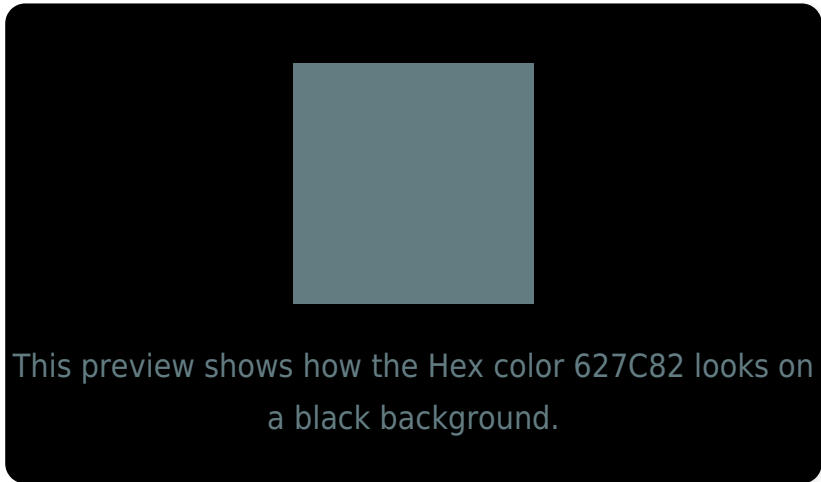
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

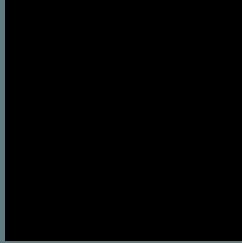
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 627C82 Background



This preview shows how black text looks on a background with the Hex color 627C82.

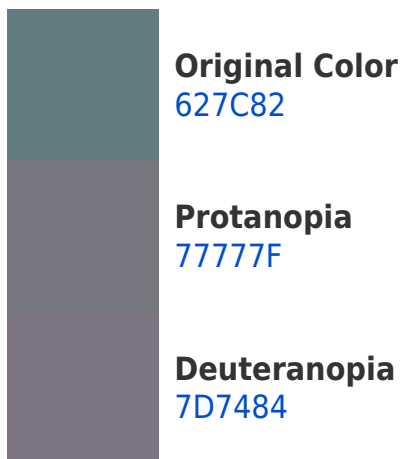


This preview shows how white text looks on a background with the Hex color 627C82.

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](#).

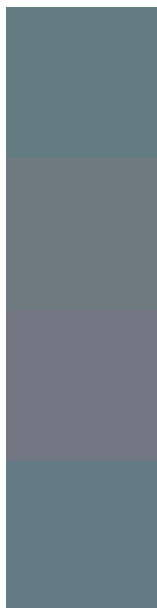
Dichromacy





Tritanopia
637B85

Trichromacy



Original Color

627C82

Protanomaly

6F7980

Deuteranomaly

737783

Tritanomaly

637B84

Monochromacy



Original Color

627C82

Achromatopsia

757575

Achromatomaly

6E787A

CSS Examples

Text

The CSS property to change the color of the text to Hex 627C82 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 #627C82 looks like.

```
.text, #text, p{  
    color:#627C82  
}
```

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 #627C82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627C82
}
```

Border

The CSS property to change the border of an element to Hex 627C82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

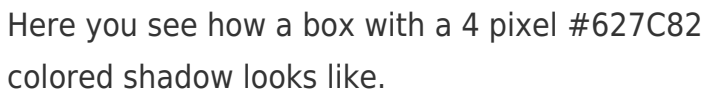
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#627C82 }
```

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

```
.border{ border-color:#627C82 }
```

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



Here you see how a box with a 4 pixel #627C82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627C82; -webkit-box-shadow:4px 4px  
4px 4px #627C82; box-shadow:4px 4px 4px  
4px #627C82 }
```

Background

The CSS property to change the background color of an element to Hex 627C82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627C82 }
```

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

```
.background{ background-color:#627C82 }
```

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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