

Converting Colors

Hex(627678)

Have a look what the booklet for
Hex(627678) contains.

Hex(627678)	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(627678)

Conversions

Conversions Part 1

Format	Color
Hex	627678
RGB	98, 118, 120
RGB Percent	38%, 46%, 47%
CMY	0.6157, 0.5373, 0.5294
CMYK	0.18, 0.02, 0.00, 0.53
HSL	185°, 10%, 43%
HSV	185°, 18%, 47%
XYZ	14.9056, 16.9096, 20.2476
YIQ	112.2480, -12.5620, -3.6180

Conversions

Conversions Part 2

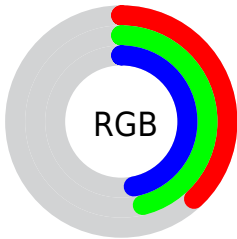
Format	Color
R _Y B	98, 108, 120
Decimal	6452856
CIE Lab	48.15, -6.86, -3.56
CIE LCh	48, 7.727, 207.436
Yxy	16.9096, 0.2863, 0.3248
Android (android.graphics.Color)	4284642936 (0xFF627678)
YUV	112.2480, 3.8217, -12.4955
Hunter-Lab	41.1213, -7.2598, -0.4087

Details

The Hex color **627678** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786462**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **95AAAC**, and **334648** is the 20% darker color. If you saturate the color by 10%, you get **567578**, and if you desaturate by 10%, it is **6E7778**.

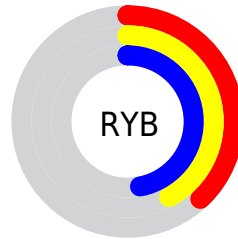
Distribution



Red (38%)

Green (46%)

Blue (47%)



Red (38%)

Yellow (42%)

Blue (47%)

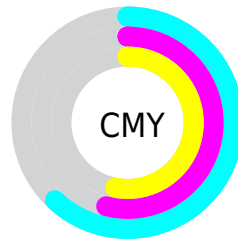


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 627678 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 627678 by changing the saturation by 10% instead.

627678

627678

FFFFFF

4A5D5F

95AAAC

334648

B0C5C8

1D2F31

CBE1E4

071B1C

E8FEFF

000001

000000

627678

627678

567578

6E7778

4A7478

7A7878

■ 3E7378

■ 867978

■ 327278

■ 927A78

■ 267178

■ 9E7B78

■ 1A6F78

■ AA7D78

■ 0E6E78

■ B67E78

■ 026D78

■ C27F78

■ 006D78

■ CE8078

Harmonies

Analogous

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



647671



627678



64757D

Triad

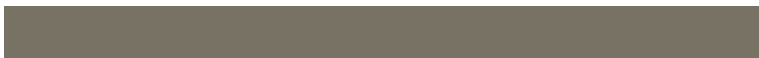
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



627678



7A6F79



787265

Complementary

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



627678



786462

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.



7E7068



627678



7F6E73

Square

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



627678



73717E



806E6D



717467

Rectangle

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



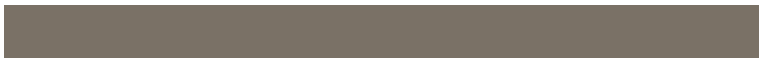
627678



68747F



806E6D



7A7166

Sweetspot

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



627678



929B9C



627864



4A4F4F



CFCFCF



4F4F4F

Same Dimension

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



627678



79989C



626B78



373D3D



00727D



00E6FC

Inverse Universe

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



786276



9C7998



786F62



3D373D



7D0072



FC00E6

Previews

White Background



This preview shows how the Hex color 627678 looks on a white background.

Color Contrast Check

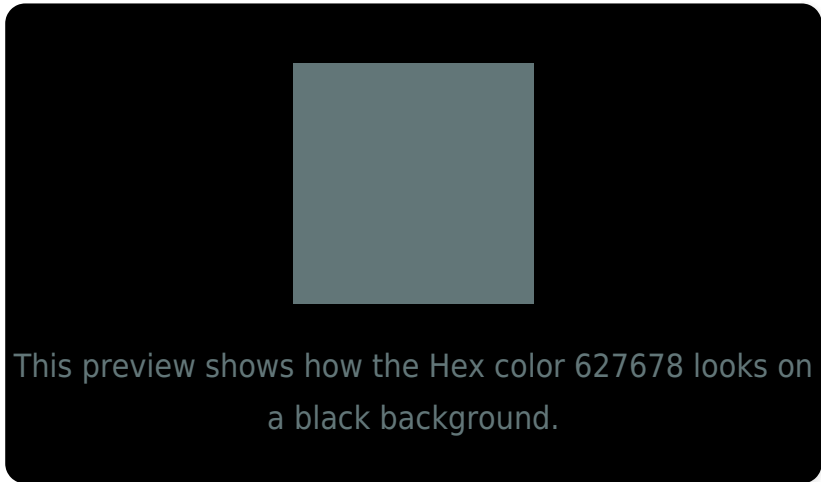
Large Text (above 18pt) WCAG AA ✓ Pass

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

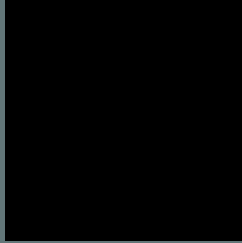
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

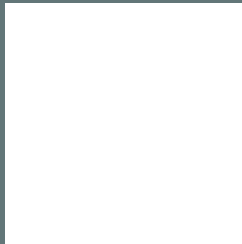
Any Text WCAG AAA × Fail

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

Hex 627678 Background



This preview shows how black text looks on a background with the Hex color 627678.



This preview shows how white text looks on a background with the Hex color 627678.

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
627678

Protanopia
737175

Deuteranopia
7A6F79



Tritanopia
63757E

Trichromacy



Original Color
627678

Protanomaly
6D7376

Deuteranomaly
717279

Tritanomaly
63757C

Monochromacy



Original Color
627678

Achromatopsia
707070

Achromatomaly
6B7273

CSS Examples

Text

The CSS property to change the color of the text to Hex 627678 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 #627678 looks like.

```
.text, #text, p{  
    color:#627678  
}
```

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 #627678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627678
}
```

Border

The CSS property to change the border of an element to Hex 627678 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
#627678 }
```

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

```
.border{ border-color:#627678 }
```

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

Here you see how a box with a 4 pixel #627678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627678; -webkit-box-shadow:4px 4px  
4px 4px #627678; box-shadow:4px 4px 4px  
4px #627678 }
```

Background

The CSS property to change the background color of an element to Hex 627678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627678 }
```

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

```
.background{ background-color:#627678 }
```

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