

Converting Colors

Hex(729F78)

Have a look what the booklet for
Hex(729F78) contains.

Hex(729F78)	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(729F78)

Conversions

Conversions Part 1

Format	Color
Hex	729F78
RGB	114, 159, 120
RGB Percent	45%, 62%, 47%
CMY	0.5529, 0.3765, 0.5294
CMYK	0.28, 0.00, 0.25, 0.38
HSL	128°, 19%, 54%
HSV	128°, 28%, 62%
XYZ	22.7277, 29.7297, 22.3098
YIQ	141.0990, -14.3010, -21.6690

Conversions

Conversions Part 2

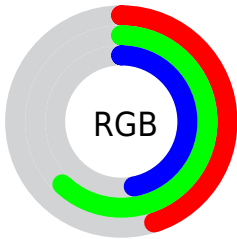
Format	Color
RYB	114, 154, 159
Decimal	7511928
CIELab	61.42, -23.36, 15.58
CIELCh	61, 28.081, 146.312
Yxy	29.7297, 0.3040, 0.3976
Android (android.graphics.Color)	4285702008 (0xFF729F78)
YUV	141.0990, -10.4018, -23.7658
Hunter-Lab	54.5250, -21.0143, 13.9080

Details

The Hex color **729F78** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9F7299**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A7D6AC**, and **406B47** is the 20% darker color. If you saturate the color by 10%, you get **629F6A**, and if you desaturate by 10%, it is **829F86**.

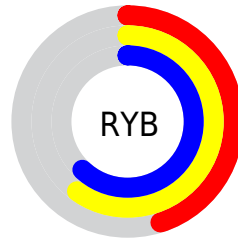
Distribution



Red (45%)

Green (62%)

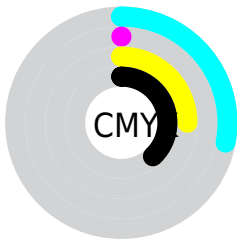
Blue (47%)



Red (45%)

Yellow (60%)

Blue (62%)

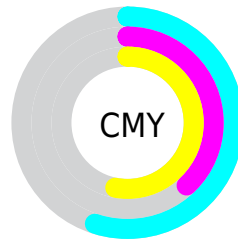


Cyan (28%)

Magenta (0%)

Yellow (25%)

Black (38%)



Cyan (55%)

Magenta (38%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 729F78 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 729F78 by changing the saturation by 10% instead.



729F78



729F78

FFFFFF



59855F



A7D6AC



406B47



C2F2C8



285331



DFFFE4



103B1B



FBFFFF



002502



000A00



000000



729F78



729F78



629F6A



829F86

 529F5C

 929F94

 429F4F

 A29FA1

 329F41

 B29FAF

 229F33

 C29FBD

 139F25

 D19FCB

 039F18

 E19FD8

 009F15

 F19FE6

 FF9FF4

Harmonies

Analogous

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



8F9967



729F78



55A290

Triad

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



729F78



6F98C5



C6837F

Complementary

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



729F78



9F7299

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.



C28298



729F78



948FC1

Square

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



729F78



4D9EBD



B187B0



BC896C

Rectangle

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



729F78



47A2A1



B187B0



C68288

Sweetspot

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



729F78



BECFC0



999F72



5E695F



E8E8E8



696969

Same Dimension

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



729F78



88CF92



729F8F



474F48



008F13



000F02

Inverse Universe

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



9F7299



CF88C5



9F7283



4F474E



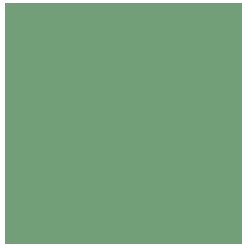
8F007C



0F000D

Previews

White Background



This preview shows how the Hex color 729F78 looks on a white background.

Color Contrast Check

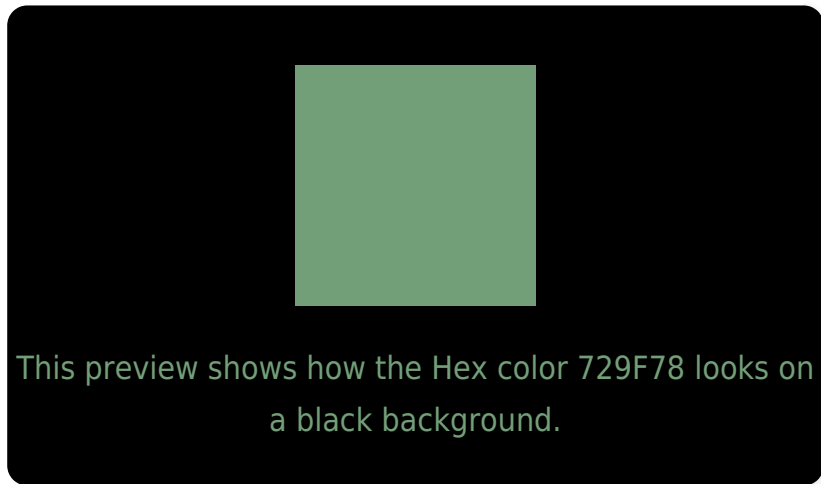
Large Text (above 18pt) WCAG AA ✓ Pass

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

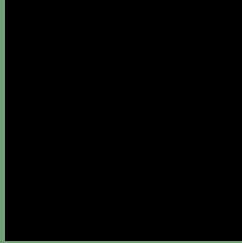
Any Text WCAG AA ✓ Pass

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 729F78 Background



This preview shows how black text looks on a background with the Hex color 729F78.

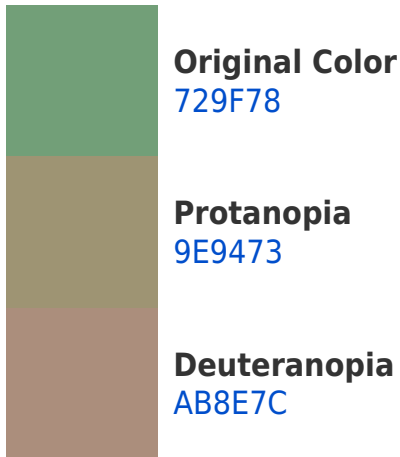


This preview shows how white text looks on a background with the Hex color 729F78.

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



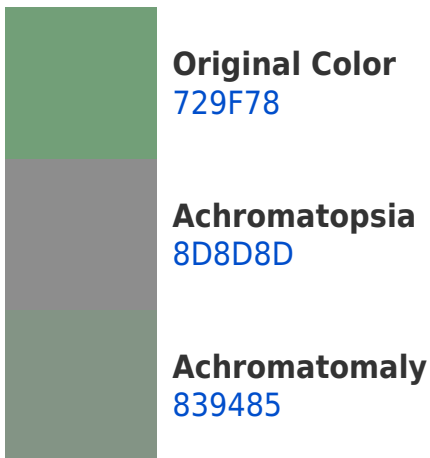


Tritanopia
7A99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 729F78 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 #729F78 looks like.

```
.text, #text, p{  
    color:#729F78  
}
```

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 #729F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729F78
}
```

Border

The CSS property to change the border of an element to Hex 729F78 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
#729F78 }
```

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

```
.border{ border-color:#729F78 }
```

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

Here you see how a box with a 4 pixel #729F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729F78; -webkit-box-shadow:4px 4px  
4px 4px #729F78; box-shadow:4px 4px 4px  
4px #729F78 }
```

Background

The CSS property to change the background color of an element to Hex 729F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729F78 }
```

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

```
.background{ background-color:#729F78 }
```

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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