

Converting Colors

Hex(728A88)

Have a look what the booklet for
Hex(728A88) contains.

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Color

Hex(728A88)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 728A88 |
| RGB | 114, 138, 136 |
| RGB Percent | 45%, 54%, 53% |
| CMY | 0.5529, 0.4588, 0.4667 |
| CMYK | 0.17, 0.00, 0.01, 0.46 |
| HSL | 175°, 10%, 49% |
| HSV | 175°, 17%, 54% |
| XYZ | 20.4718, 23.5319, 26.7557 |
| YIQ | 130.5960, -13.6620, -5.7100 |

Conversions

Conversions Part 2

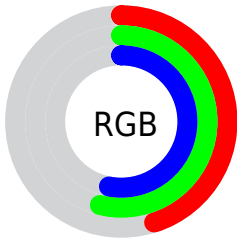
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 114, 127, 138 |
| Decimal | 7506568 |
| CIELab | 55.62, -8.97, -1.79 |
| CIELCh | 56, 9.152, 191.307 |
| Yxy | 23.5319, 0.2893, 0.3326 |
| Android (android.graphics.Color) | 4285696648 (0xFF728A88) |
| YUV | 130.5960, 2.6642, -14.5547 |
| Hunter-Lab | 48.5097, -9.5623, 1.2552 |

Details

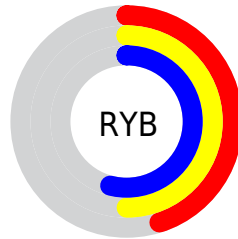
The Hex color **728A88** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A7274**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A6BFBD**, and **415856** is the 20% darker color. If you saturate the color by 10%, you get **648A87**, and if you desaturate by 10%, it is **808A89**.

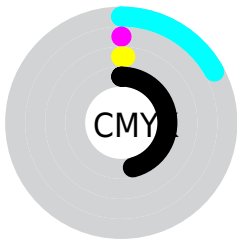
Distribution



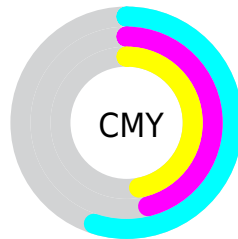
- Red (45%)
- Green (54%)
- Blue (53%)



- Red (45%)
- Yellow (50%)
- Blue (54%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (55%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 728A88 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 728A88 by changing the saturation by 10% instead.



728A88



728A88

FFFFFF



59716F



A6BFBD



415856



C1DBD9



2B413F



DDF8F5



152B29



FAFFFF



001715



000000



728A88



728A88



648A87



808A89



568A86



8E8A8A

498A85

9B8A8B

3B8A83

A98A8D

2D8A82

B78A8E

1F8A81

C58A8F

118A80

D38A90

048A7F

E08A91

008A7F

EE8A92

Harmonies

Analogous

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



778A80



728A88



72898F

Triad

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



728A88



8B8291



918376

Complementary

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



728A88



8A7274

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.



95817B



728A88



92808A

Square

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



728A88



818595



968082



898676

Rectangle

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



728A88



758893



968082



938278

Sweetspot

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



728A88



AAB3B2



748A72



545959



D9D9D9



595959

Same Dimension

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



728A88



8DB3AF



72808A



3E4544



00857A



000505

Inverse Universe

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



8A7274



B38D90



8A7C72



453E3F



85000B



050000

Previews

White Background



This preview shows how the Hex color 728A88 looks on a white background.

Color Contrast Check

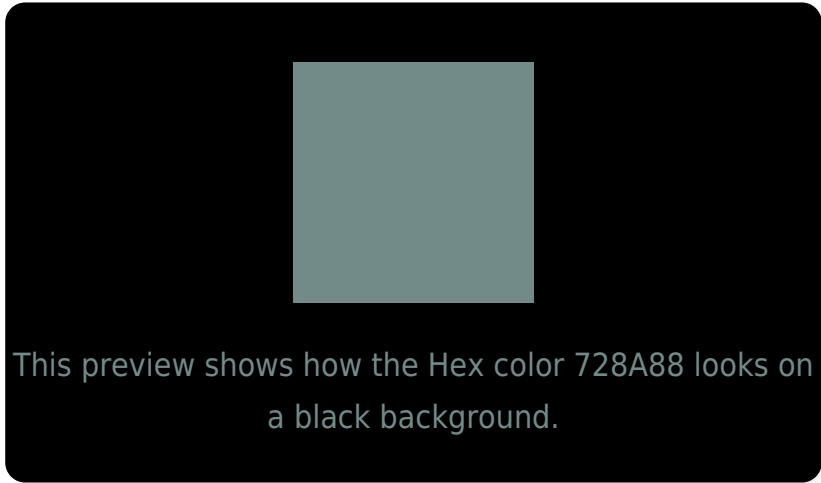
Large Text (above 18pt) WCAG AA ✓ Pass

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

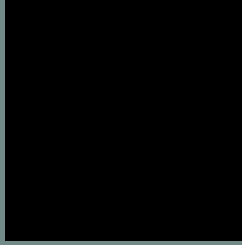
Any Text WCAG AA ✓ Pass

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 728A88 Background



This preview shows how black text looks on a background with the Hex color 728A88.

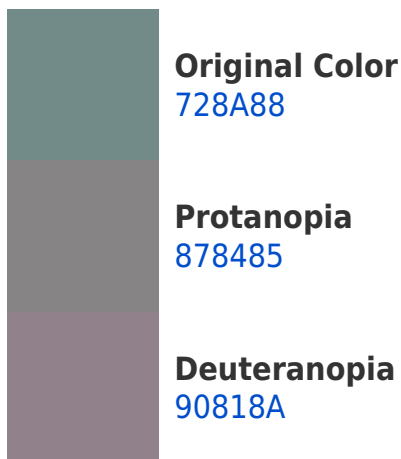


This preview shows how white text looks on a background with the Hex color 728A88.

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
748893

Trichromacy



Original Color
728A88

Protanomaly
7F8686

Deuteranomaly
858489

Tritanomaly
73898F

Monochromacy



Original Color
728A88

Achromatopsia
838383

Achromatomaly
7D8685

CSS Examples

Text

The CSS property to change the color of the text to Hex 728A88 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 #728A88 looks like.

```
.text, #text, p{  
    color:#728A88  
}
```

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 #728A88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728A88
}
```

Border

The CSS property to change the border of an element to Hex 728A88 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
#728A88 }
```

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

```
.border{ border-color:#728A88 }
```

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

Here you see how a box with a 4 pixel #728A88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728A88; -webkit-box-shadow:4px 4px  
4px 4px #728A88; box-shadow:4px 4px 4px  
4px #728A88 }
```

Background

The CSS property to change the background color of an element to Hex 728A88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728A88 }
```

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

```
.background{ background-color:#728A88 }
```

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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