

Converting Colors

Hex(728EAC)

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

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Color

Hex(728EAC)

Conversions

Conversions Part 1

Format	Color
Hex	728EAC
RGB	114, 142, 172
RGB Percent	45%, 56%, 67%
CMY	0.5529, 0.4431, 0.3255
CMYK	0.34, 0.17, 0.00, 0.33
HSL	211°, 26%, 56%
HSV	211°, 34%, 67%
XYZ	24.0588, 25.9020, 42.7613
YIQ	137.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

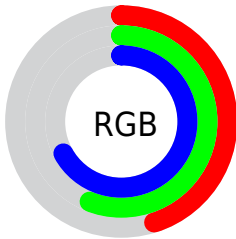
Format	Color
RYB	114, 133, 172
Decimal	7507628
CIELab	57.94, -2.44, -18.97
CIELCh	58, 19.129, 262.683
Yxy	25.9020, 0.2595, 0.2794
Android (android.graphics.Color)	4285697708 (0xFF728EAC)
YUV	137.0480, 17.2313, -20.2131
Hunter-Lab	50.8940, -4.6831, -14.1899

Details

The Hex color **728EAC** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AC9072**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A7C4E3**, and **3F5C78** is the 20% darker color. If you saturate the color by 10%, you get **6185AC**, and if you desaturate by 10%, it is **8397AC**.

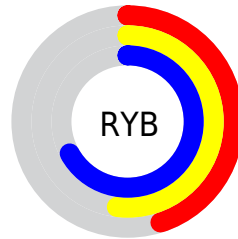
Distribution



Red (45%)

Green (56%)

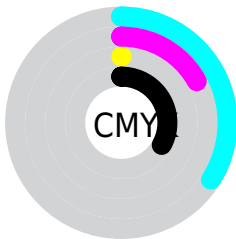
Blue (67%)



Red (45%)

Yellow (52%)

Blue (67%)

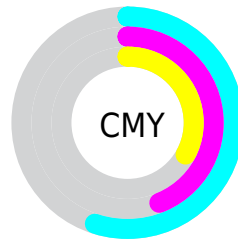


Cyan (34%)

Magenta (17%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (44%)

Yellow (33%)

Brightness & Saturation Gradients

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

■ 728EAC

■ 728EAC

FFFFFF

■ 587491

■ A7C4E3

■ 3F5C78

■ C3E0FF

■ 26445F

■ DFFCFF

■ 0B2E47

■ FCFFFF

■ 001A30

■ 00011C

■ 000000

■ 728EAC

■ 728EAC

■ 6185AC

■ 8397AC

■ 507CAC

■ 94A0AC

■ 3E73AC

■ A6A9AC

■ 2D6AAC

■ B7B2AC

■ 1C62AC

■ C8BAAC

■ 0B59AC

■ D9C3AC

■ 0053AC

■ EACCAC

■ FCD5AC

■ FFDEAC

Harmonies

Analogous

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



6192A5



728EAC



8988AA

Triad

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



728EAC



AE807F



779277

Complementary

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



728EAC



AC9072

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.



8A8E6C



728EAC



A88371

Square

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



728EAC



AA8090



9C896A



669586

Rectangle

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



728EAC



9785A4



9C896A



7E9172

Sweetspot

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



728EAC



CAD5E0



72AC90



636970



F0F0F0



707070

Same Dimension

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



728EAC



87B2E0



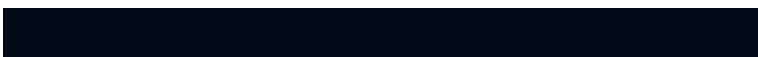
7372AC



4E5257



004996



000B17

Inverse Universe

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



AC728E



E087B2



ABAC72



574E52



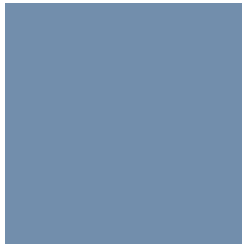
960049



17000B

Previews

White Background



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

Color Contrast Check

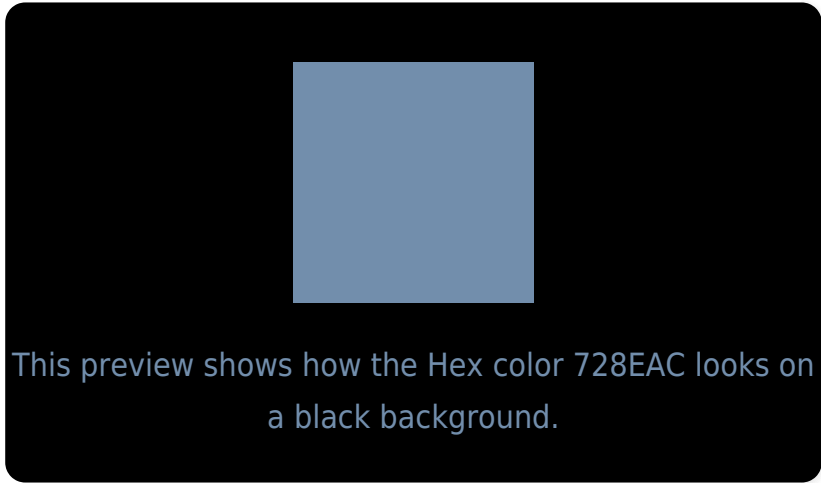
Large Text (above 18pt) WCAG AA ✓ Pass

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

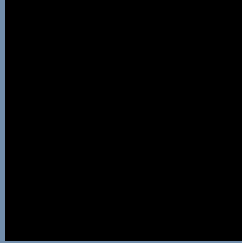
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

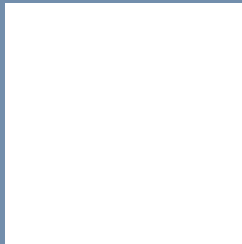
Any Text WCAG AAA × Fail

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

Hex 728EAC Background



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

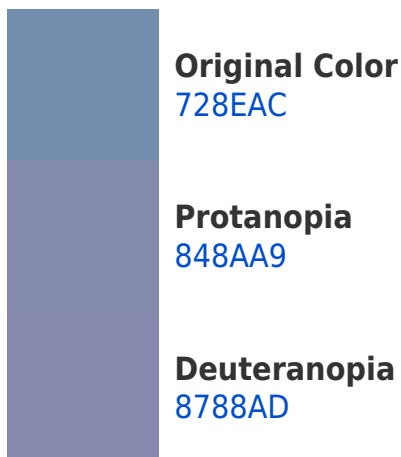



This preview shows how white text looks on a background with the Hex color 728EAC.

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](#).

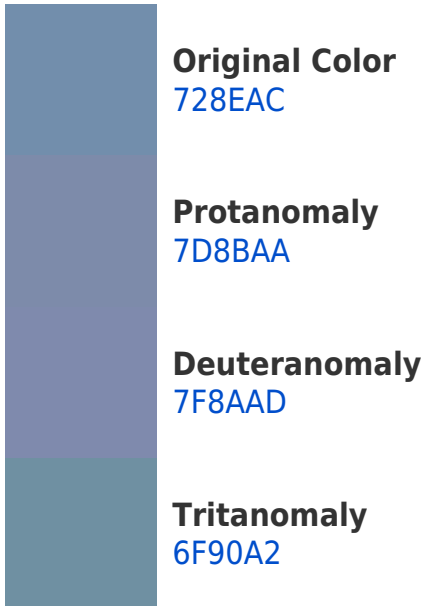
Dichromacy



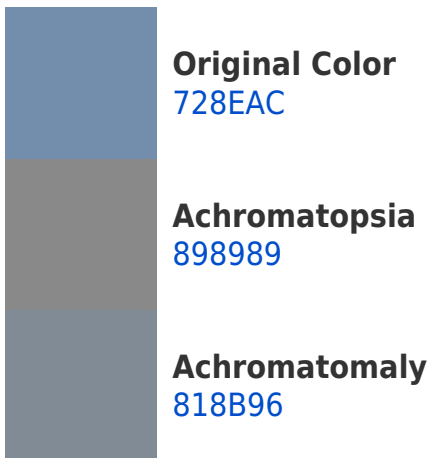


Tritanopia
6E919C

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #728EAC colored shadow looks like.

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

Border

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

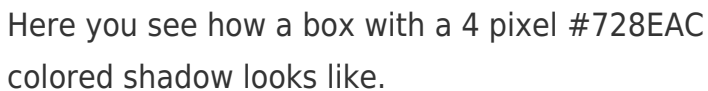
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#728EAC }
```

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

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

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



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

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

Background

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

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

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

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

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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