

Converting Colors

Hex(728BC7)

Have a look what the booklet for
Hex(728BC7) contains.

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Color

Hex(728BC7)

Conversions

Conversions Part 1

Format	Color
Hex	728BC7
RGB	114, 139, 199
RGB Percent	45%, 55%, 78%
CMY	0.5529, 0.4549, 0.2196
CMYK	0.43, 0.30, 0.00, 0.22
HSL	222°, 43%, 61%
HSV	222°, 43%, 78%
XYZ	26.4809, 26.1662, 57.6877
YIQ	138.3650, -34.1600, 13.3600

Conversions

Conversions Part 2

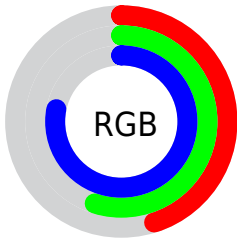
Format	Color
RYB	114, 133, 199
Decimal	7506887
CIELab	58.19, 6.76, -33.91
CIELCh	58, 34.580, 281.273
Yxy	26.1662, 0.2400, 0.2372
Android (android.graphics.Color)	4285696967 (0xFF728BC7)
YUV	138.3650, 29.8931, -21.3681
Hunter-Lab	51.1529, 2.8885, -31.0574

Details

The Hex color **728BC7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C7AE72**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A9C0FF**, and **3C5991** is the 20% darker color. If you saturate the color by 10%, you get **5E7DC7**, and if you desaturate by 10%, it is **8699C7**.

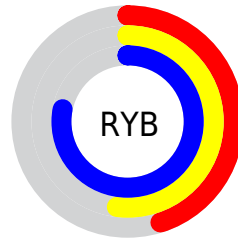
Distribution



Red (45%)

Green (55%)

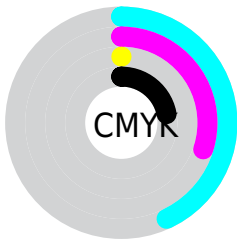
Blue (78%)



Red (45%)

Yellow (52%)

Blue (78%)

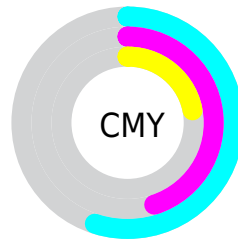


Cyan (43%)

Magenta (30%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (45%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 728BC7 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 728BC7 by changing the saturation by 10% instead.

 728BC7

 728BC7

FFFFFF

 5772AC

 A9C0FF

 3C5991

 C5DCFF

 1F4277

 E2F9FF

 002C5E

 001846

 00042F

 000119

 000000

 728BC7

 728BC7

■ 5E7DC7

■ 8699C7

■ 4A6FC7

■ 9AA7C7

■ 3661C7

■ AEB5C7

■ 2253C7

■ C2C3C7

■ 0F45C7

■ D6D1C7

■ 003BC7

■ E9DFC7

■ FDEDC7

■ FFFBC7

■ FFFFC7

Harmonies

Analogous

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



3994C5



728BC7



9E80BA

Triad

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



728BC7



C27965



4C9B77

Complementary

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



728BC7



C7AE72

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.



73965D



728BC7



B08353

Square

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



728BC7



C67481



948E4F



169C97

Rectangle

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



728BC7



B379A9



948E4F



5A996E

Sweetspot

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



728BC7



DEE8FF



72C7AE



6B7180



000000



808080

Same Dimension

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



728BC7



7DA3FF



8372C7



5A5C63



0030A3



000A24

Inverse Universe

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



C7728B



FF7DA3



B6C772



635A5C



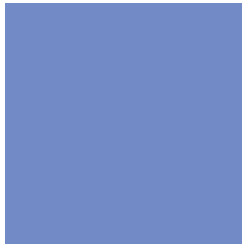
A30030



24000A

Previews

White Background



This preview shows how the Hex color 728BC7 looks on a white background.

Color Contrast Check

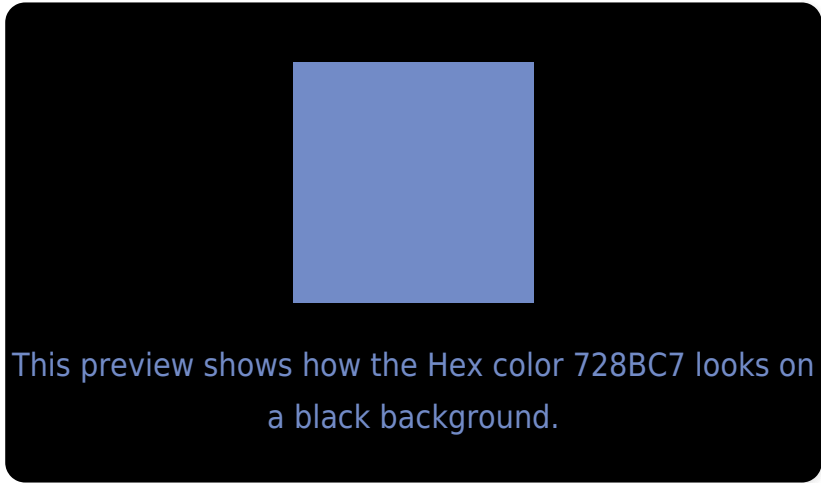
Large Text (above 18pt) WCAG AA ✓ Pass

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

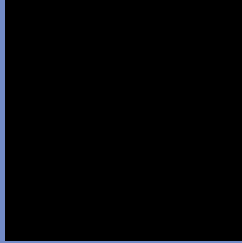
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

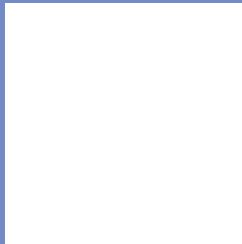
Any Text WCAG AAA × Fail

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

Hex 728BC7 Background



This preview shows how black text looks on a background with the Hex color 728BC7.

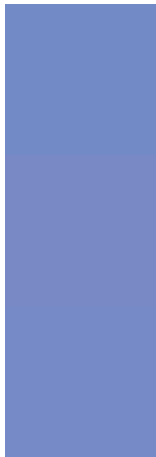


This preview shows how white text looks on a background with the Hex color 728BC7.

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
728BC7

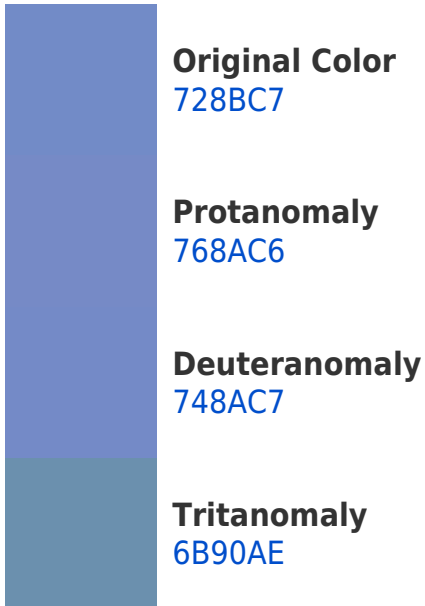
Protanopia
7989C6

Deuteranopia
758AC7

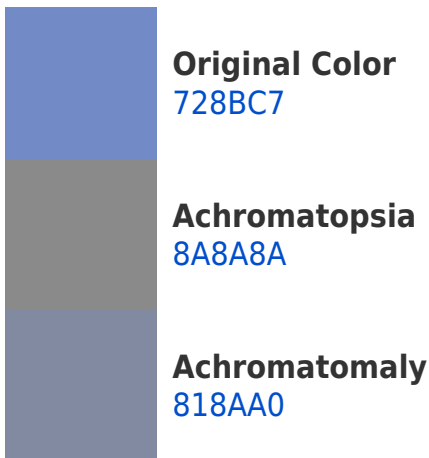


Tritanopia
67939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 728BC7 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 #728BC7 looks like.

```
.text, #text, p{  
    color:#728BC7  
}
```

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 #728BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728BC7
}
```

Border

The CSS property to change the border of an element to Hex 728BC7 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
#728BC7 }
```

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

```
.border{ border-color:#728BC7 }
```

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

Here you see how a box with a 4 pixel #728BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728BC7; -webkit-box-shadow:4px 4px  
4px 4px #728BC7; box-shadow:4px 4px 4px  
4px #728BC7 }
```

Background

The CSS property to change the background color of an element to Hex 728BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728BC7 }
```

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

```
.background{ background-color:#728BC7 }
```

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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