

Converting Colors

Hex(728EE1)

Have a look what the booklet for
Hex(728EE1) contains.

Hex(728EE1)	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(728EE1)

Conversions

Conversions Part 1

Format	Color
Hex	728EE1
RGB	114, 142, 225
RGB Percent	45%, 56%, 88%
CMY	0.5529, 0.4431, 0.1176
CMYK	0.49, 0.37, 0.00, 0.12
HSL	225°, 65%, 66%
HSV	225°, 49%, 88%
XYZ	30.2030, 28.3597, 75.1163
YIQ	143.0900, -43.3310, 19.8770

Conversions

Conversions Part 2

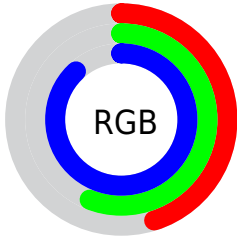
Format	Color
RYB	114, 136, 225
Decimal	7507681
CIELab	60.21, 12.70, -45.32
CIELCh	60, 47.066, 285.651
Yxy	28.3597, 0.2259, 0.2121
Android (android.graphics.Color)	4285697761 (0xFF728EE1)
YUV	143.0900, 40.3816, -25.5119
Hunter-Lab	53.2538, 8.0427, -46.3529

Details

The Hex color **728EE1** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E1C572**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **ABC3FF**, and **375CA9** is the 20% darker color. If you saturate the color by 10%, you get **5C7DE1**, and if you desaturate by 10%, it is **899FE1**.

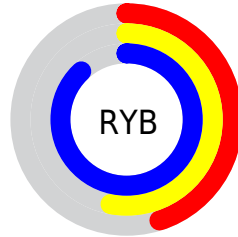
Distribution



Red (45%)

Green (56%)

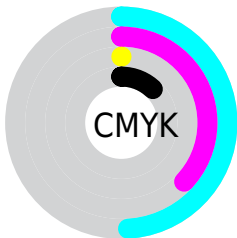
Blue (88%)



Red (45%)

Yellow (53%)

Blue (88%)

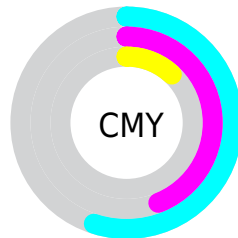


Cyan (49%)

Magenta (37%)

Yellow (0%)

Black (12%)



Cyan (55%)

Magenta (44%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 728EE1 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 728EE1 by changing the saturation by 10% instead.

 728EE1

 728EE1

FFFFFF

 5575C5

 ABC3FF

 375CA9


 C8DFFF

 0F458E

 E5FCFF

 002F74

 001B5B

 000043

 00032C

 000116

 000000

 728EE1

 728EE1

 5C7DE1

 899FE1

 456CE1

 9FB0E1

 2F5CE1

 B6C0E1

 184BE1

 CCD1E1

 023AE1

 E3E2E1

 0039E1

 F9F3E1

 FFFE1

Harmonies

Analogous

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



009BE1



728EE1



B07ECB

Triad

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



728EE1



D57858



11A57B

Complementary

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



728EE1



E1C572

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.



659F55



728EE1



BA883F

Square

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



728EE1



DF6E7D



94963D



00A6A6

Rectangle

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



728EE1



CA74B4



94963D



3AA36D

Sweetspot

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



728EE1



D9E2FF



72E1C3



696E80



000000



808080

Same Dimension

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



728EE1



698FFF



8C72E1



656870



002CB0



000C30

Inverse Universe

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



E1728E



FF698F



C7E172



706568



B0002C



30000C

Previews

White Background



This preview shows how the Hex color 728EE1 looks on a white background.

Color Contrast Check

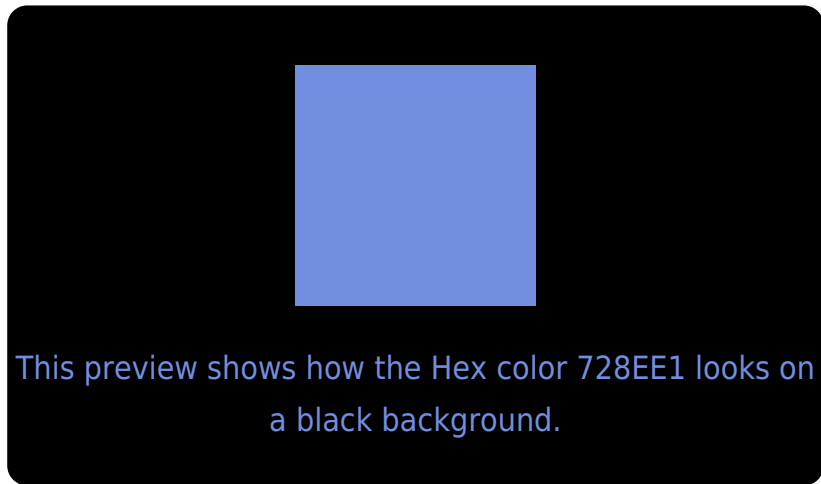
Large Text (above 18pt) WCAG AA ✓ Pass

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

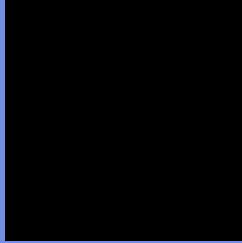
Any Text WCAG AA ✓ Pass

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 728EE1 Background



This preview shows how black text looks on a background with the Hex color 728EE1.



This preview shows how white text looks on a background with the Hex color 728EE1.

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](#).

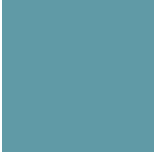
Dichromacy



Original Color
728EE1

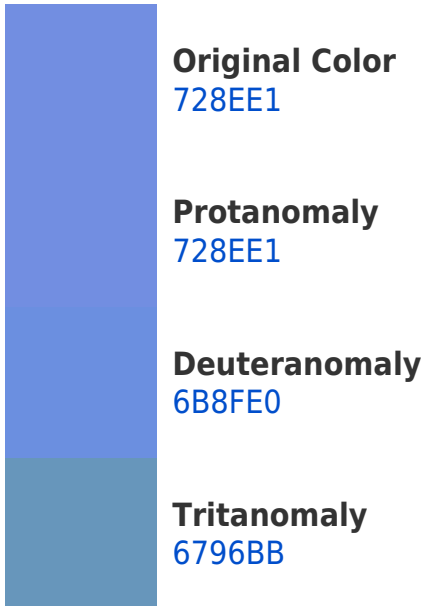
Protanopia
728EE1

Deuteranopia
6790E0

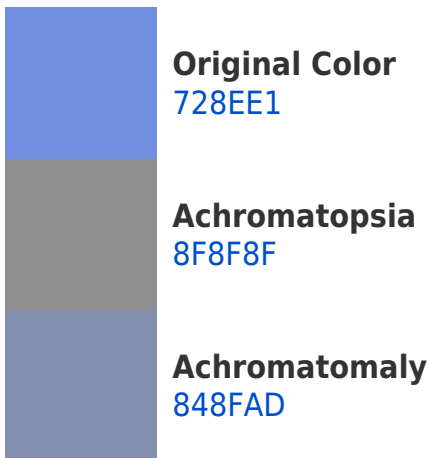


Tritanopia
609AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 728EE1 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 #728EE1 looks like.

```
.text, #text, p{  
    color:#728EE1  
}
```

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 #728EE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728EE1
}
```

Border

The CSS property to change the border of an element to Hex 728EE1 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
#728EE1 }
```

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

```
.border{ border-color:#728EE1 }
```

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

Here you see how a box with a 4 pixel #728EE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728EE1; -webkit-box-shadow:4px 4px  
4px 4px #728EE1; box-shadow:4px 4px 4px  
4px #728EE1 }
```

Background

The CSS property to change the background color of an element to Hex 728EE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728EE1 }
```

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

```
.background{ background-color:#728EE1 }
```

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