

Converting Colors

Hex(728CCF)

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

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Color

Hex(728CCF)

Conversions

Conversions Part 1

Format	Color
Hex	728CCF
RGB	114, 140, 207
RGB Percent	45%, 55%, 81%
CMY	0.5529, 0.4510, 0.1882
CMYK	0.45, 0.32, 0.00, 0.19
HSL	223°, 49%, 63%
HSV	223°, 45%, 81%
XYZ	27.5800, 26.8386, 62.7582
YIQ	139.8640, -37.0030, 15.3250

Conversions

Conversions Part 2

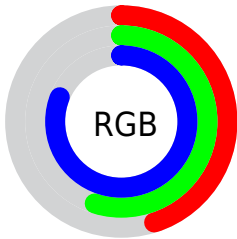
Format	Color
RYB	114, 134, 207
Decimal	7507151
CIELab	58.82, 8.50, -37.44
CIElCh	59, 38.389, 282.794
Yxy	26.8386, 0.2354, 0.2290
Android (android.graphics.Color)	4285697231 (0xFF728CCF)
YUV	139.8640, 33.0980, -22.6827
Hunter-Lab	51.8060, 4.3678, -35.5603

Details

The Hex color **728CCF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFB572**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **AAC1FF**, and **3B5A98** is the 20% darker color. If you saturate the color by 10%, you get **5D7DCF**, and if you desaturate by 10%, it is **879BCF**.

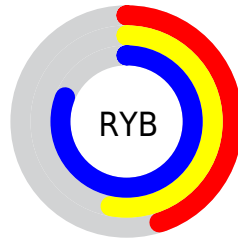
Distribution



Red (45%)

Green (55%)

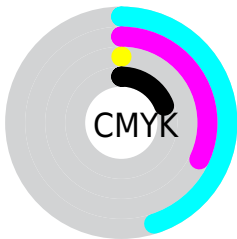
Blue (81%)



Red (45%)

Yellow (53%)

Blue (81%)

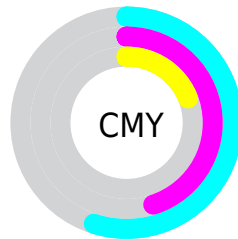


Cyan (45%)

Magenta (32%)

Yellow (0%)

Black (19%)



Cyan (55%)

Magenta (45%)

Yellow (19%)

Brightness & Saturation Gradients

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

 728CCF

 728CCF

FFFFFF

 5773B3

 AAC1FF

 3B5A98

 C6DDFF

 1B437E

 E3FAFF

 002D65

 00194C

 000235

 00021F

 000002

 000000

■ 728CCF

■ 728CCF

■ 5D7DCF

■ 879BCF

■ 496ECF

■ 9BAACF

■ 345FCF

■ B0B9CF

■ 1F50CF

■ C5C8CF

■ 0B41CF

■ DAD7CF

■ 003ACF

■ EEE5CF

■ FFF4CF

■ FFFF CF

Harmonies

Analogous

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



2896CD



728CCF



A37FBF

Triad

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



728CCF



C87961



419E78

Complementary

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



728CCF



CFB572

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.



6F995B



728CCF



B3854D

Square

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



728CCF



CE7280



94904A



009F9B

Rectangle

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



728CCF



BA78AD



94904A



529C6E

Sweetspot

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



728CCF



DEE7FF



72CFB5



6B7180



000000



808080

Same Dimension

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



728CCF



759CFF



8672CF



5E6169



002FA8



000B29

Inverse Universe

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



CF728C



FF759C



BBCF72



695E61



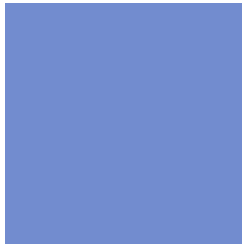
A8002F



29000B

Previews

White Background



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

Color Contrast Check

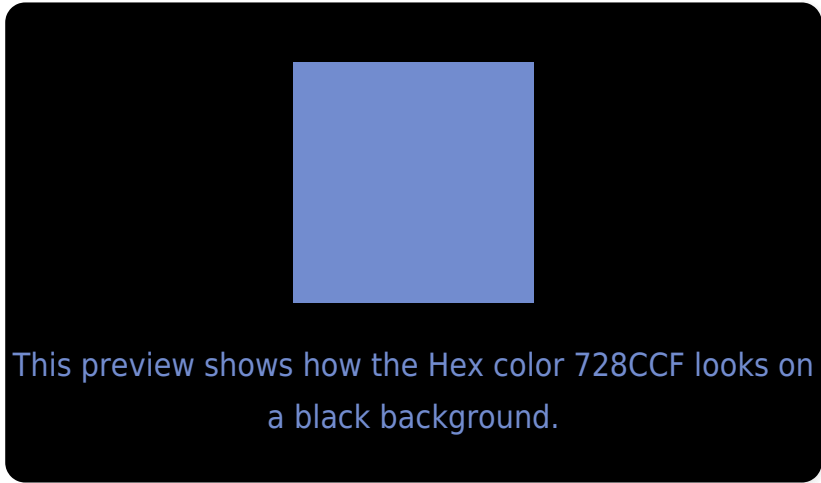
Large Text (above 18pt) WCAG AA ✓ Pass

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

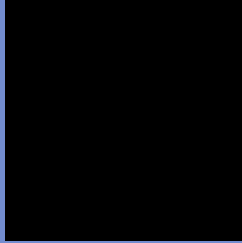
Any Text WCAG AA ✓ Pass

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 728CCF Background



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

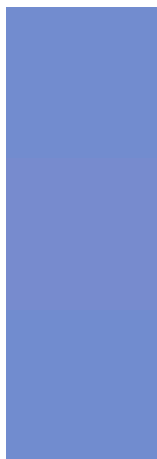


This preview shows how white text looks on a background with the Hex color 728CCF.

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
728CCF

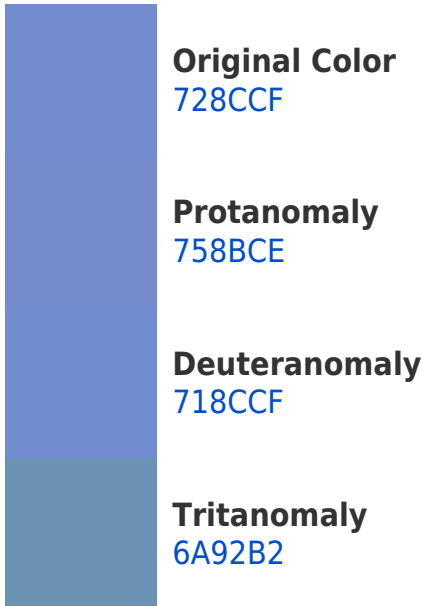
Protanopia
778BCE

Deuteranopia
718CCF

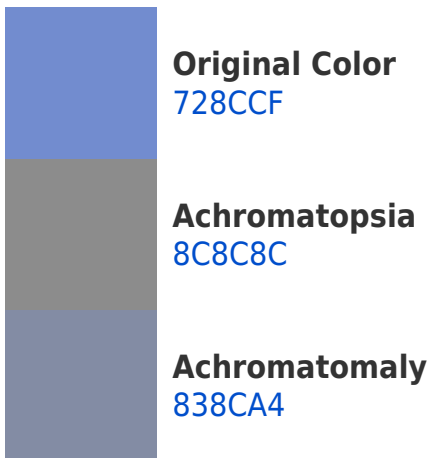


Tritanopia
6595A1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #728CCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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