

Converting Colors

Hex(728BDC)

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

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Color

Hex(728BDC)

Conversions

Conversions Part 1

Format	Color
Hex	728BDC
RGB	114, 139, 220
RGB Percent	45%, 55%, 86%
CMY	0.5529, 0.4549, 0.1373
CMYK	0.48, 0.37, 0.00, 0.14
HSL	226°, 60%, 65%
HSV	226°, 48%, 86%
XYZ	29.0903, 27.2100, 71.4290
YIQ	140.7590, -40.9010, 19.8910

Conversions

Conversions Part 2

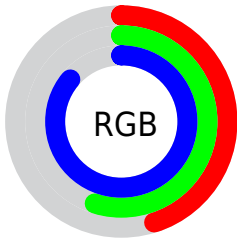
Format	Color
RYB	114, 134, 220
Decimal	7506908
CIELab	59.17, 12.96, -44.18
CIELCh	59, 46.041, 286.343
Yxy	27.2100, 0.2277, 0.2130
Android (android.graphics.Color)	4285696988 (0xFF728BDC)
YUV	140.7590, 39.0658, -23.4676
Hunter-Lab	52.1632, 8.2602, -44.6738

Details

The Hex color **728BDC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DCC372**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ABC0FF**, and **3859A4** is the 20% darker color. If you saturate the color by 10%, you get **5C7ADC**, and if you desaturate by 10%, it is **889CDC**.

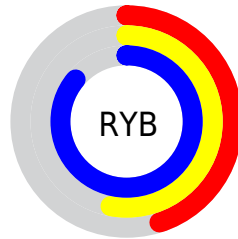
Distribution



Red (45%)

Green (55%)

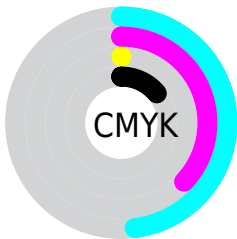
Blue (86%)



Red (45%)

Yellow (53%)

Blue (86%)

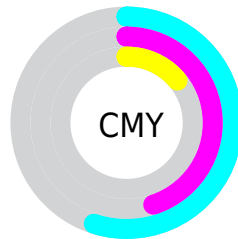


Cyan (48%)

Magenta (37%)

Yellow (0%)

Black (14%)



Cyan (55%)

Magenta (45%)

Yellow (14%)

Brightness & Saturation Gradients

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

 728BDC

 728BDC

FFFFFF

 5672C0

 ABC0FF

 3859A4

 C7DCFF

 13428A

 E5F8FF

 002D70

 001957

 00003F

 000328

 000112

 000000

 728BDC

 728BDC

 5C7ADC

 889CDC

 4669DC

 9EADDC

 3059DC

 B4BDDC

 1A48DC

 CACEDC

 0437DC

 E0DFDC

 0034DC

 F6F0DC

 FFFFDC

Harmonies

Analogous

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



0098DD



728BDC



AD7BC7

Triad

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



728BDC



D07756



0FA27A

Complementary

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



728BDC



DCC372

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.



639C54



728BDC



B6863E

Square

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



728BDC



DA6D7A



90933D



00A3A4

Rectangle

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



728BDC



C772B0



90933D



38A06C

Sweetspot

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



728BDC



DBE4FF



72DCC2



6A6F80



000000



808080

Same Dimension

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



728BDC



6B8EFF



8D72DC



63656E



0029AD



000B2E

Inverse Universe

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



DC728B



FF6B8E



C2DC72



6E6365



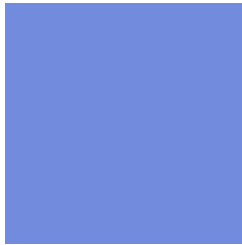
AD0029



2E000B

Previews

White Background



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

Color Contrast Check

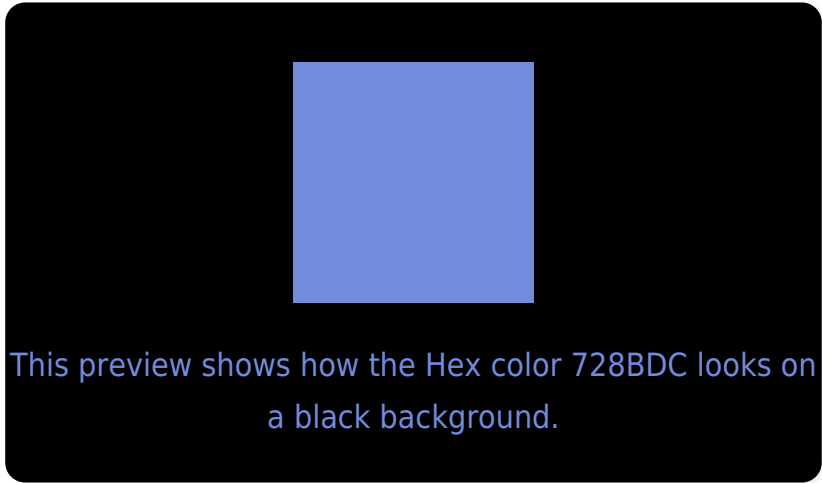
Large Text (above 18pt) WCAG AA ✓ Pass

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

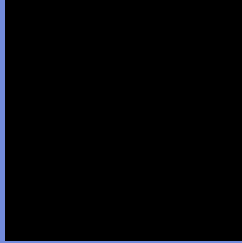
Any Text WCAG AA ✓ Pass

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 728BDC Background



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



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

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
728BDC

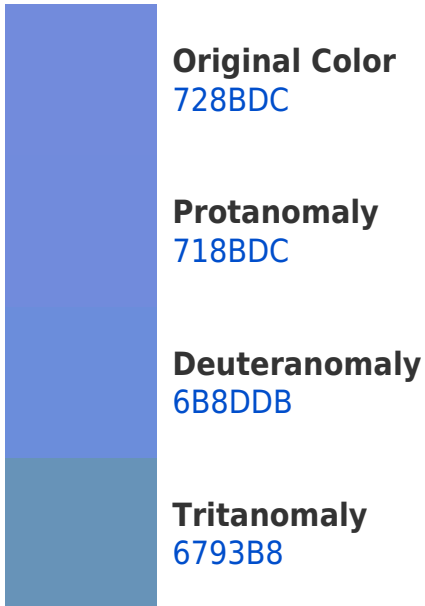
Protanopia
708BDC

Deuteranopia
678EDB

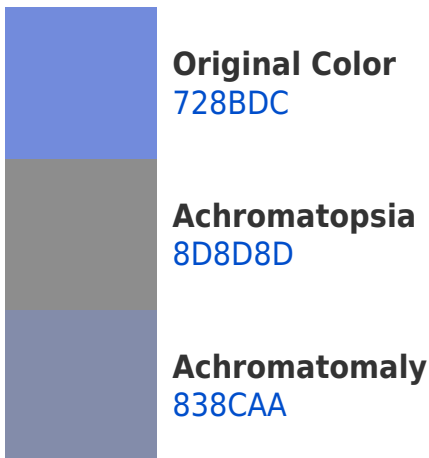


Tritanopia
6197A3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #728BDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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