

Converting Colors

Hex(718BD2)

Have a look what the booklet for
Hex(718BD2) contains.

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Color

Hex(718BD2)

Conversions

Conversions Part 1

Format	Color
Hex	718BD2
RGB	113, 139, 210
RGB Percent	44%, 55%, 82%
CMY	0.5569, 0.4549, 0.1765
CMYK	0.46, 0.34, 0.00, 0.18
HSL	224°, 52%, 63%
HSV	224°, 46%, 82%
XYZ	27.6755, 26.6291, 64.6540
YIQ	139.3200, -38.2870, 16.5690

Conversions

Conversions Part 2

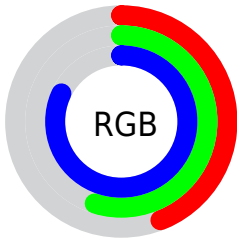
Format	Color
R _Y B	113, 134, 210
Decimal	7441362
CIE Lab	58.63, 9.72, -39.43
CIE LCh	59, 40.613, 283.853
Yxy	26.6291, 0.2326, 0.2239
Android (android.graphics.Color)	4285631442 (0xFF718BD2)
YUV	139.3200, 34.8452, -23.0826
Hunter-Lab	51.6034, 5.4258, -38.1623

Details

The Hex color **718BD2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D2B871**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A9C0FF**, and **39599B** is the 20% darker color. If you saturate the color by 10%, you get **5C7CD2**, and if you desaturate by 10%, it is **869AD2**.

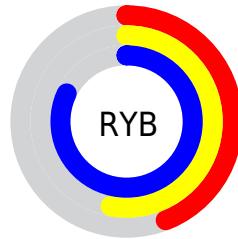
Distribution



Red (44%)

Green (55%)

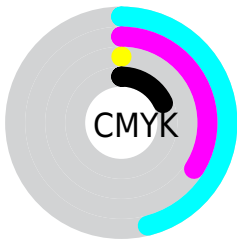
Blue (82%)



Red (44%)

Yellow (53%)

Blue (82%)

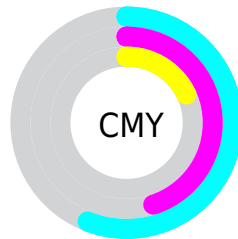


Cyan (46%)

Magenta (34%)

Yellow (0%)

Black (18%)



Cyan (56%)

Magenta (45%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 718BD2 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 718BD2 by changing the saturation by 10% instead.

 718BD2

 718BD2

FFFFFF

 5572B6

 A9C0FF

 39599B

 C5DCFF

 184281

 E2F9FF

 002D67

 00194F

 000238

 000221

 000006

 000000

■ 718BD2

■ 718BD2

■ 5C7CD2

■ 869AD2

■ 476CD2

■ 9BAAD2

■ 325DD2

■ B0B9D2

■ 1D4ED2

■ C5C8D2

■ 083ED2

■ DAD8D2

■ 0038D2

■ EFE7D2

■ FFF7D2

■ FFFF2

Harmonies

Analogous

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



1596D1



718BD2



A57DC1

Triad

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



718BD2



C9785D



369E78

Complementary

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



718BD2



D2B871

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.



6B9958



718BD2



B38448

Square

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



718BD2



D1707E



939046



009F9D

Rectangle

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



718BD2



BD75AD



939046



4B9D6C

Sweetspot

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



718BD2



DBE5FF



71D2B7



6A7080



000000



808080

Same Dimension

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



718BD2



7398FF



8671D2



5E6169



002DA8



000B29

Inverse Universe

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



D2718B



FF7398



BDD271



695E61



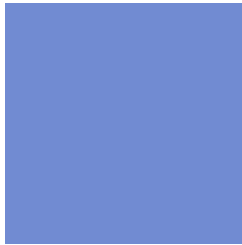
A8002D



29000B

Previews

White Background



This preview shows how the Hex color 718BD2 looks on a white background.

Color Contrast Check

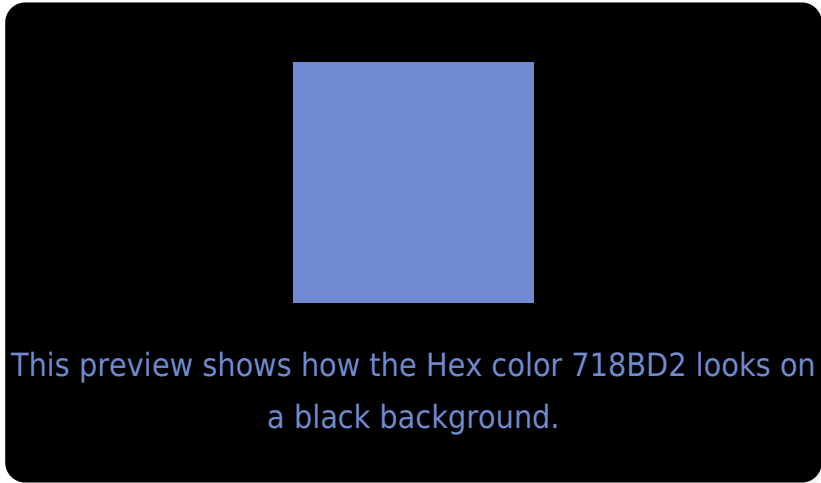
Large Text (above 18pt) WCAG AA ✓ Pass

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

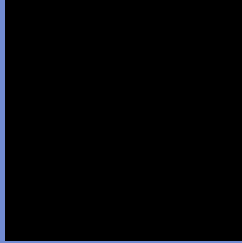
Any Text WCAG AA ✓ Pass

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 718BD2 Background



This preview shows how black text looks on a background with the Hex color 718BD2.

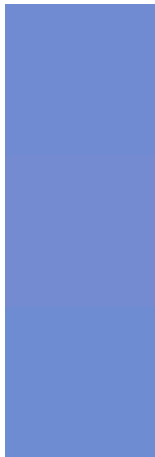


This preview shows how white text looks on a background with the Hex color 718BD2.

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
718BD2

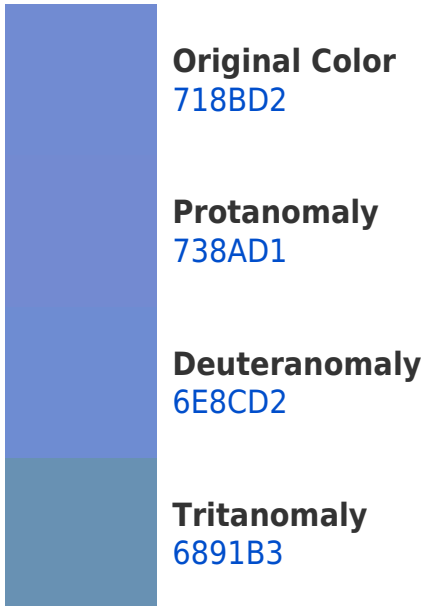
Protanopia
748AD1

Deuteranopia
6D8CD2



Tritanopia
6395A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 718BD2 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 #718BD2 looks like.

```
.text, #text, p{  
    color:#718BD2  
}
```

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 #718BD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #718BD2
}
```

Border

The CSS property to change the border of an element to Hex 718BD2 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
#718BD2 }
```

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

```
.border{ border-color:#718BD2 }
```

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

Here you see how a box with a 4 pixel #718BD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #718BD2; -webkit-box-shadow:4px 4px  
4px 4px #718BD2; box-shadow:4px 4px 4px  
4px #718BD2 }
```

Background

The CSS property to change the background color of an element to Hex 718BD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#718BD2 }
```

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

```
.background{ background-color:#718BD2 }
```

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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