

Converting Colors

Hex(717DB2)

Have a look what the booklet for
Hex(717DB2) contains.

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Color

Hex(717DB2)

Conversions

Conversions Part 1

Format	Color
Hex	717DB2
RGB	113, 125, 178
RGB Percent	44%, 49%, 70%
CMY	0.5569, 0.5098, 0.3020
CMYK	0.37, 0.30, 0.00, 0.30
HSL	229°, 30%, 57%
HSV	229°, 37%, 70%
XYZ	22.1795, 21.3923, 45.0796
YIQ	127.4540, -24.1650, 13.9390

Conversions

Conversions Part 2

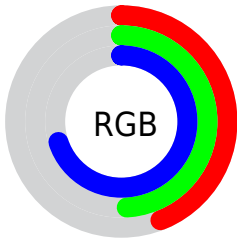
Format	Color
R _Y B	113, 123, 178
Decimal	7437746
CIE Lab	53.38, 8.79, -29.45
CIE LCh	53, 30.734, 286.624
Yxy	21.3923, 0.2502, 0.2413
Android (android.graphics.Color)	4285627826 (0xFF717DB2)
YUV	127.4540, 24.9192, -12.6762
Hunter-Lab	46.2518, 4.6571, -25.4111

Details

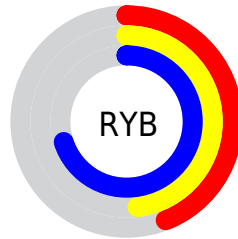
The Hex color **717DB2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B2A671**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A7B1EA**, and **3E4C7D** is the 20% darker color. If you saturate the color by 10%, you get **5F6EB2**, and if you desaturate by 10%, it is **838CB2**.

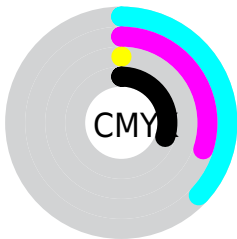
Distribution



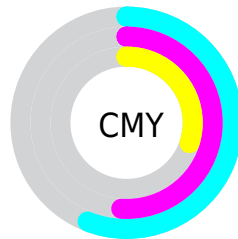
- Red (44%)
- Green (49%)
- Blue (70%)



- Red (44%)
- Yellow (48%)
- Blue (70%)



- Cyan (37%)
- Magenta (30%)
- Yellow (0%)
- Black (30%)



- Cyan (56%)
- Magenta (51%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 717DB2 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 717DB2 by changing the saturation by 10% instead.

■ 717DB2

■ 717DB2

FFFFFF

■ 576497

■ A7B1EA

■ 3E4C7D

■ C2CDFF

■ 243664

■ DFE9FF

■ 04214C

■ FCFFFF

■ 000A35

■ 00021F

■ 000002

■ 000000

■ 717DB2

■ 717DB2

■ 5F6EB2

■ 838CB2

■ 4D60B2

■ 959AB2

■ 3C51B2

■ A6A9B2

■ 2A43B2

■ B8B7B2

■ 1834B2

■ CAC6B2

■ 0626B2

■ DCD4B2

■ 0021B2

■ EEE3B2

■ FFF1B2

■ FFFFB2

Harmonies

Analogous

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



4486B2



717DB2



9573A4

Triad

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



717DB2



AD715A



428D72

Complementary

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



717DB2



B2A671

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.



64895A



717DB2



9B7A4C

Square

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



717DB2



B36B72



82834C



1A8E8E

Rectangle

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



717DB2



A66E95



82834C



4E8C6A

Sweetspot

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



717DB2



CFD3E8



71B2A5



666975



F5F5F5



757575

Same Dimension

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



717DB2



8295E8



8471B2



505259



001C99



00051A

Inverse Universe

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



B2717D



E88295



9FB271



595052



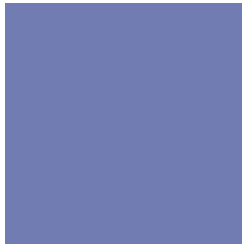
99001C



1A0005

Previews

White Background



This preview shows how the Hex color 717DB2 looks on a white background.

Color Contrast Check

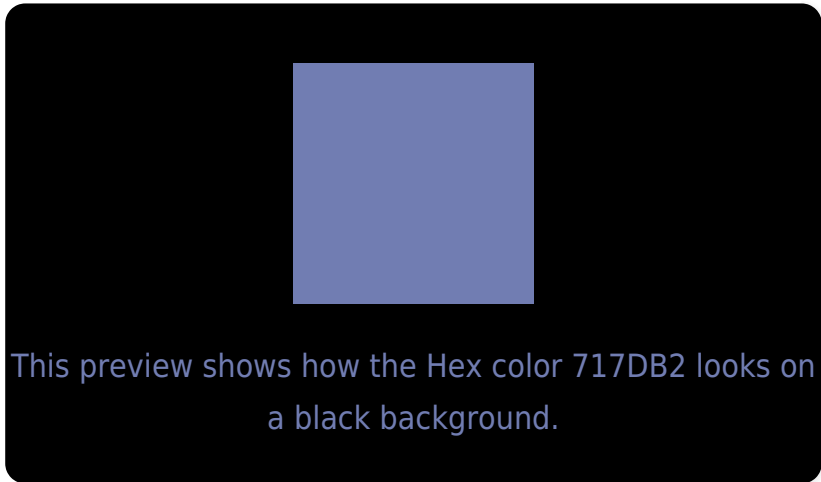
Large Text (above 18pt) WCAG AA ✓ Pass

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 717DB2 Background



This preview shows how black text looks on a background with the Hex color 717DB2.



This preview shows how white text looks on a background with the Hex color 717DB2.

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

717DB2

Protanopia

6F7DB2

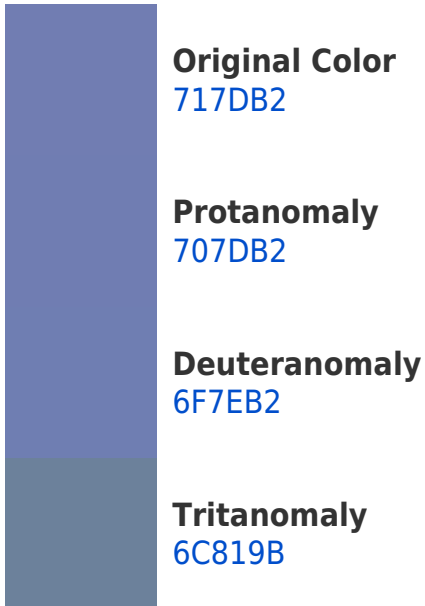
Deuteranopia

6E7EB2

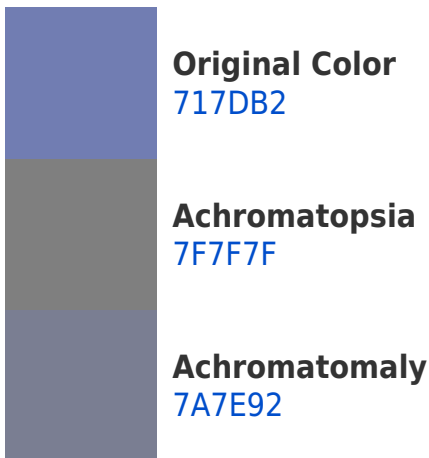


Tritanopia
69848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 717DB2 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 #717DB2 looks like.

```
.text, #text, p{  
    color:#717DB2  
}
```

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 #717DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717DB2
}
```

Border

The CSS property to change the border of an element to Hex 717DB2 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".

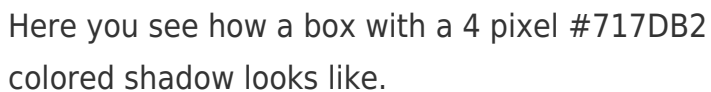
```
.border, #border, table{ border:4px solid
#717DB2 }
```

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

```
.border{ border-color:#717DB2 }
```

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

Here you see how a box with a 4 pixel #717DB2 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717DB2; -webkit-box-shadow:4px 4px  
4px 4px #717DB2; box-shadow:4px 4px 4px  
4px #717DB2 }
```

Background

The CSS property to change the background color of an element to Hex 717DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717DB2 }
```

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

```
.background{ background-color:#717DB2 }
```

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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