

Converting Colors

Hex(707DBB)

Have a look what the booklet for
Hex(707DBB) contains.

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Color

Hex(707DBB)

Conversions

Conversions Part 1

Format	Color
Hex	707DBB
RGB	112, 125, 187
RGB Percent	44%, 49%, 73%
CMY	0.5608, 0.5098, 0.2667
CMYK	0.40, 0.33, 0.00, 0.27
HSL	230°, 36%, 59%
HSV	230°, 40%, 73%
XYZ	22.9853, 21.6998, 49.9907
YIQ	128.1810, -27.6500, 16.5260

Conversions

Conversions Part 2

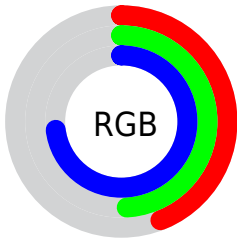
Format	Color
R _Y B	112, 123, 187
Decimal	7372219
CIE Lab	53.71, 11.05, -34.11
CIE LCh	54, 35.852, 287.952
Yxy	21.6998, 0.2428, 0.2292
Android (android.graphics.Color)	4285562299 (0xFF707DBB)
YUV	128.1810, 28.9978, -14.1907
Hunter-Lab	46.5831, 6.5563, -31.0190

Details

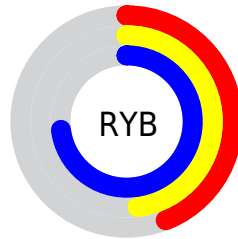
The Hex color **707DBB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BBAE70**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A6B1F3**, and **3B4C85** is the 20% darker color. If you saturate the color by 10%, you get **5D6EBB**, and if you desaturate by 10%, it is **838CBB**.

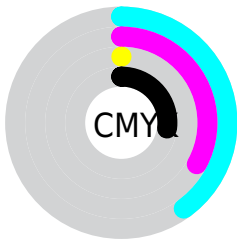
Distribution



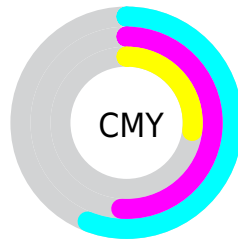
- Red (44%)
- Green (49%)
- Blue (73%)



- Red (44%)
- Yellow (48%)
- Blue (73%)



- Cyan (40%)
- Magenta (33%)
- Yellow (0%)
- Black (27%)



- Cyan (56%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 707DBB 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 707DBB by changing the saturation by 10% instead.

■ 707DBB

■ 707DBB

FFFFFF

■ 5664A0

■ A6B1F3

■ 3B4C85

■ C2CDFF

■ 20366C

■ DFE9FF

■ 002153

■ FCFFFF

■ 000A3C

■ 000225

■ 00010E

■ 000000

■ 707DBB

■ 707DBB

■ 5D6EBB

■ 838CBB

■ 4B5EBB

■ 959CBB

■ 384FBB

■ A8ABBB

■ 253FBB

■ BBBBBB

■ 1230BB

■ CDCABB

■ 0020BB

■ E0DABB

■ F3E9BB

■ FFF9BB

■ FFFFBB

Harmonies

Analogous

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



3287BC



707DBB



9A71AA

Triad

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



707DBB



B36F54



309072

Complementary

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



707DBB



BBAE70

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.



5E8C56



707DBB



9E7A43

Square

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



707DBB



BC686F



818444



009092

Rectangle

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



707DBB



AD6B98



818444



428F68

Sweetspot

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



707DBB



D5DAF2



70BBAD



696C7A



FAFAFA



7A7A7A

Same Dimension

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



707DBB



7E92F2



8870BB



55575E



001B9E



00051F

Inverse Universe

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



BB707D



F27E92



A3BB70



5E5557



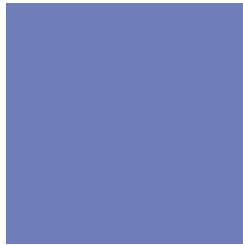
9E001B



1F0005

Previews

White Background



This preview shows how the Hex color 707DBB looks on a white background.

Color Contrast Check

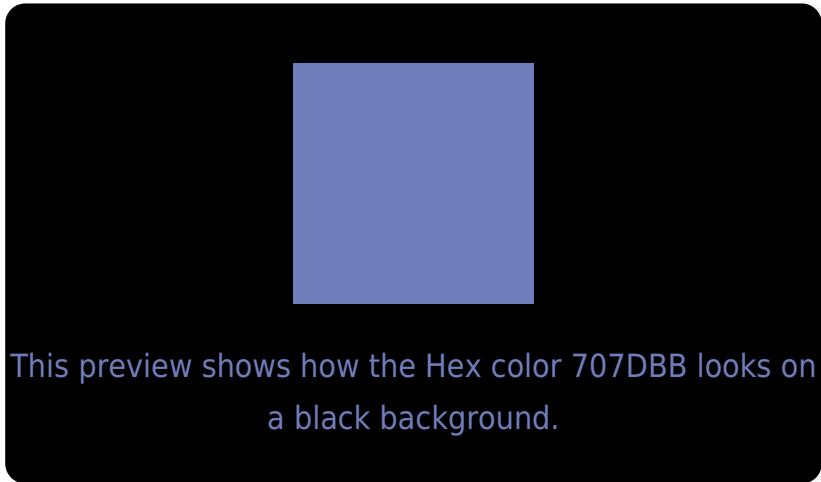
Large Text (above 18pt) WCAG AA ✓ Pass

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

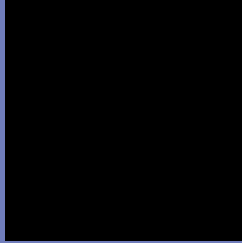
Any Text WCAG AA ✓ Pass

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 707DBB Background



This preview shows how black text looks on a background with the Hex color 707DBB.



This preview shows how white text looks on a background with the Hex color 707DBB.

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
707DBB

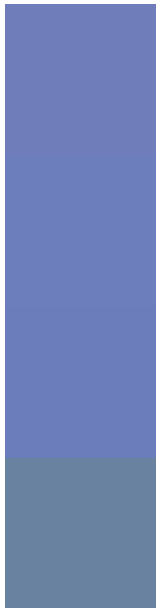
Protanopia
6C7EBC

Deuteranopia
687FBB



Tritanopia
658590

Trichromacy



Original Color
707DBB

Protanomaly
6D7EBC

Deuteranomaly
6B7EBB

Tritanomaly
6982A0

Monochromacy



Original Color
707DBB

Achromatopsia
808080

Achromatomaly
7A7F95

CSS Examples

Text

The CSS property to change the color of the text to Hex 707DBB 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 #707DBB looks like.

```
.text, #text, p{  
    color:#707DBB  
}
```

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 #707DBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707DBB
}
```

Border

The CSS property to change the border of an element to Hex 707DBB 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
#707DBB }
```

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

```
.border{ border-color:#707DBB }
```

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

Here you see how a box with a 4 pixel #707DBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #707DBB; -webkit-box-shadow:4px 4px  
4px 4px #707DBB; box-shadow:4px 4px 4px  
4px #707DBB }
```

Background

The CSS property to change the background color of an element to Hex 707DBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707DBB }
```

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

```
.background{ background-color:#707DBB }
```

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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