

# Converting Colors

Hex(707DDB)

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

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# **Color**

**Hex(707DDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	707DDB
RGB	112, 125, 219
RGB Percent	44%, 49%, 86%
CMY	0.5608, 0.5098, 0.1412
CMYK	0.49, 0.43, 0.00, 0.14
HSL	233°, 60%, 65%
HSV	233°, 49%, 86%
XYZ	26.8019, 23.2264, 70.0884
YIQ	131.8290, -37.9220, 26.4780

# Conversions

## Conversions Part 2

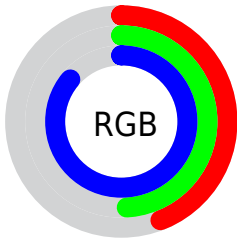
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 124, 219
Decimal	7372251
CIELab	55.30, 20.53, -49.75
CIELCh	55, 53.817, 292.425
Yxy	23.2264, 0.2231, 0.1934
Android (android.graphics.Color)	4285562331 (0xFF707DDB)
YUV	131.8290, 42.9753, -17.3900
Hunter-Lab	48.1938, 14.9295, -52.4899

# Details

The Hex color **707DDB** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DBCE70**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A9B1FF**, and **354CA3** is the 20% darker color. If you saturate the color by 10%, you get **5A6ADB**, and if you desaturate by 10%, it is **8690DB**.

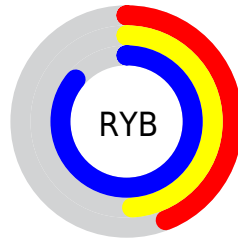
# Distribution



Red (44%)

Green (49%)

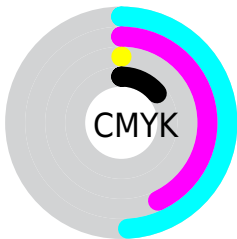
Blue (86%)



Red (44%)

Yellow (49%)

Blue (86%)

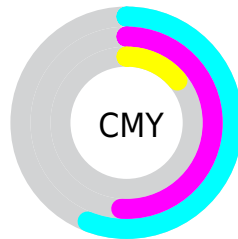


Cyan (49%)

Magenta (43%)

Yellow (0%)

Black (14%)



Cyan (56%)

Magenta (51%)

Yellow (14%)

# Brightness & Saturation Gradients

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



■ 707DDB

■ 707DDB

FFFFFF

■ 5364BF

■ A9B1FF

■ 354CA3

■ C6CDFF

■ 0B3689

■ E3E9FF

■ 00216F

■ 000E56

■ 00063E

■ 000327

■ 000110

■ 000000

707DDB

707DDB

5A6ADB

8690DB

4457DB

9CA3DB

2E43DB

B2B7DB

1830DB

C8CADB

021DDB

DDDDDB

001BDB

F3F0DB

FFFFDB

# Harmonies

## Analogous

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



008DE1



707DDB



B269BE

# Triad

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



707DDB



C86C3B



009A77

# Complementary

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



707DDB



DBCE70

# 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.



3F9649



707DDB



A77E20

# Square

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



707DDB



D95C64



7B8C26



009BA7

# Rectangle

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



707DDB



CB5EA2



7B8C26



009967



# Sweetspot

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



707DDB



D9DDFF



70DBCD



696B80



000000



808080



# Same Dimension

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



707DDB



697BFF



9770DB



63646E



0015AD



00062E



# Inverse Universe

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



DB707D



FF697B



B4DB70



6E6364



AD0015

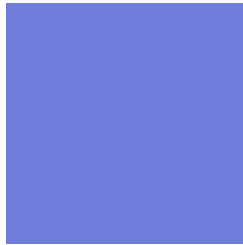


2E0006



# Previews

## White Background



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

## Color Contrast Check

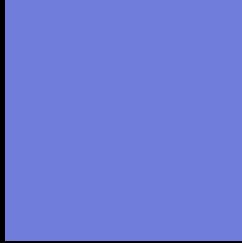
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 707DDB looks on a 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 707DDB Background



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

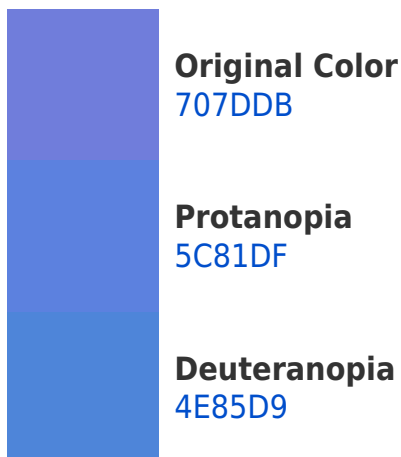


This preview shows how white text looks on a background with the Hex color 707DDB.

# 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](#).

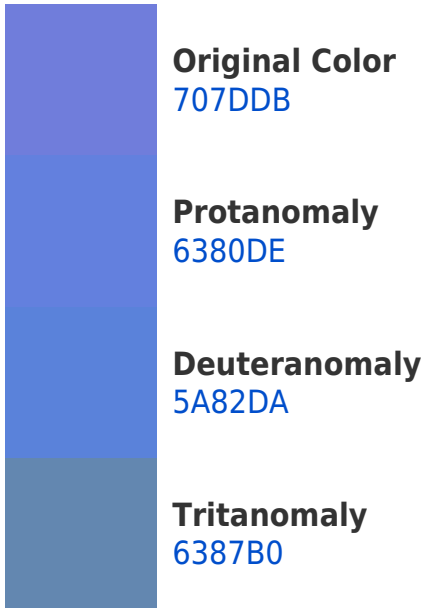
## Dichromacy



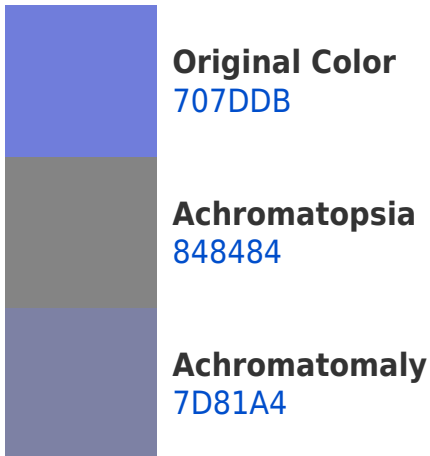


**Tritanopia**  
5B8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #707DDB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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