

Converting Colors

Hex(707BB5)

Have a look what the booklet for
Hex(707BB5) contains.

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Color

Hex(707BB5)

Conversions

Conversions Part 1

Format	Color
Hex	707BB5
RGB	112, 123, 181
RGB Percent	44%, 48%, 71%
CMY	0.5608, 0.5176, 0.2902
CMYK	0.38, 0.32, 0.00, 0.29
HSL	230°, 32%, 57%
HSV	230°, 38%, 71%
XYZ	22.1055, 20.9469, 46.5941
YIQ	126.3230, -25.1740, 15.7060

Conversions

Conversions Part 2

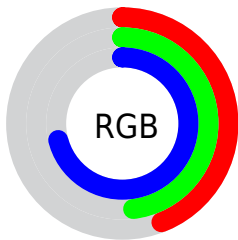
Format	Color
R_{YB}	112, 121, 181
Decimal	7371701
CIE _{Lab}	52.89, 10.54, -31.94
CIE _{LCh}	53, 33.630, 288.265
Yxy	20.9469, 0.2466, 0.2337
Android (android.graphics.Color)	4285561781 (0xFF707BB5)
YUV	126.3230, 26.9558, -12.5613
Hunter-Lab	45.7677, 6.1209, -28.3231

Details

The Hex color **707BB5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B5AA70**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A6AFED**, and **3C4B80** is the 20% darker color. If you saturate the color by 10%, you get **5E6CB5**, and if you desaturate by 10%, it is **828AB5**.

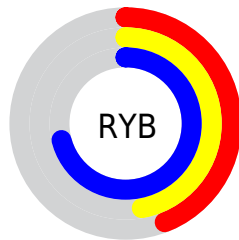
Distribution



Red (44%)

Green (48%)

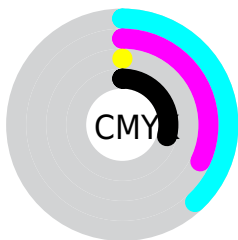
Blue (71%)



Red (44%)

Yellow (47%)

Blue (71%)

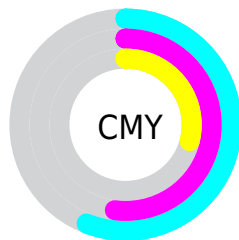


Cyan (38%)

Magenta (32%)

Yellow (0%)

Black (29%)



Cyan (56%)

Magenta (52%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 707BB5 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 707BB5 by changing the saturation by 10% instead.

■ 707BB5

■ 707BB5

FFFFFF

■ 56629A

■ A6AFED

■ 3C4B80

■ C2CBFF

■ 223467

■ DEE7FF

■ 001F4E

■ FBFFFF

■ 000737

■ 000221

■ 000006

■ 000000

■ 707BB5

■ 707BB5

■ 5E6CB5

■ 828AB5

■ 4C5DB5

■ 9499B5

■ 3A4DB5

■ A6A9B5

■ 283EB5

■ B8B8B5

■ 152FB5

■ CBC7B5

■ 0320B5

■ DDD6B5

■ 001DB5

■ EFE6B5

■ FFF5B5

■ FFFFB5

Harmonies

Analogous

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



3A85B6



707BB5



9770A5

Triad

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



707BB5



AE6F54



368D72

Complementary

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



707BB5



B5AA70

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.



5E8957



707BB5



9B7945

Square

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



707BB5



B6686E



7F8246



008D8F

Rectangle

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



707BB5



A96A94



7F8246



458C68

Sweetspot

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



707BB5



D1D5EB



70B5AA



666875



F5F5F5



757575

Same Dimension

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



707BB5



7F90EB



8770B5



505259



001899



00041A

Inverse Universe

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



B5707B



EB7F90



9EB570



595052



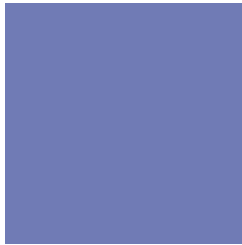
990018



1A0004

Previews

White Background



This preview shows how the Hex color 707BB5 looks on a white background.

Color Contrast Check

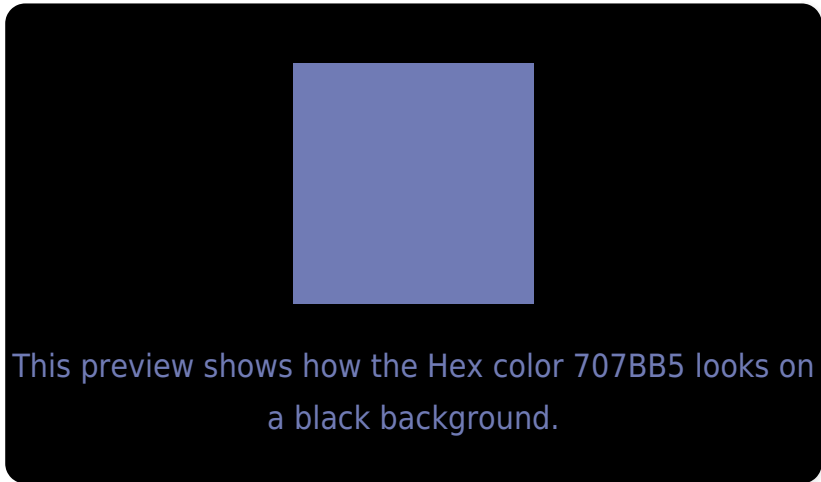
Large Text (above 18pt) WCAG AA ✓ Pass

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

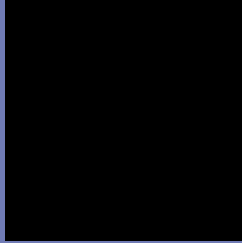
Any Text WCAG AA ✓ Pass

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 707BB5 Background



This preview shows how black text looks on a background with the Hex color 707BB5.



This preview shows how white text looks on a background with the Hex color 707BB5.

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
707BB5

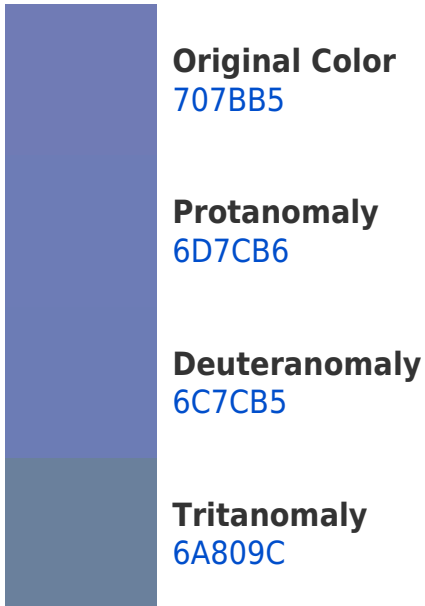
Protanopia
6B7CB6

Deuteranopia
697DB5



Tritanopia
66838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 707BB5 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 #707BB5 looks like.

```
.text, #text, p{  
    color:#707BB5  
}
```

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 #707BB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707BB5
}
```

Border

The CSS property to change the border of an element to Hex 707BB5 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".

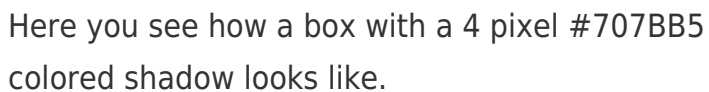
```
.border, #border, table{ border:4px solid
#707BB5 }
```

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

```
.border{ border-color:#707BB5 }
```

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

Here you see how a box with a 4 pixel #707BB5 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 #707BB5; -webkit-box-shadow:4px 4px  
4px 4px #707BB5; box-shadow:4px 4px 4px  
4px #707BB5 }
```

Background

The CSS property to change the background color of an element to Hex 707BB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707BB5 }
```

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

```
.background{ background-color:#707BB5 }
```

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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