

Converting Colors

Hex(747BBC)

Have a look what the booklet for
Hex(747BBC) contains.

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Color

Hex(747BBC)

Conversions

Conversions Part 1

Format	Color
Hex	747BBC
RGB	116, 123, 188
RGB Percent	45%, 48%, 74%
CMY	0.5451, 0.5176, 0.2627
CMYK	0.38, 0.35, 0.00, 0.26
HSL	234°, 35%, 60%
HSV	234°, 38%, 74%
XYZ	23.3625, 21.5098, 50.4974
YIQ	128.3170, -25.0370, 18.7310

Conversions

Conversions Part 2

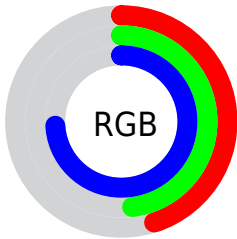
Format	Color
R _Y B	116, 122, 188
Decimal	7633852
CIE Lab	53.50, 13.62, -34.98
CIE LCh	54, 37.537, 291.282
Yxy	21.5098, 0.2450, 0.2255
Android (android.graphics.Color)	4285823932 (0xFF747BBC)
YUV	128.3170, 29.4237, -10.8020
Hunter-Lab	46.3786, 8.7541, -32.0904

Details

The Hex color **747BBC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BCB574**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **AAAFF5**, and **404B86** is the 20% darker color. If you saturate the color by 10%, you get **616ABC**, and if you desaturate by 10%, it is **878CBC**.

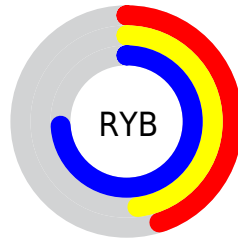
Distribution



Red (45%)

Green (48%)

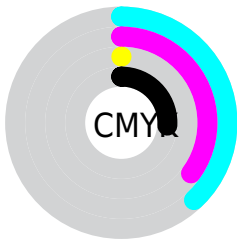
Blue (74%)



Red (45%)

Yellow (48%)

Blue (74%)

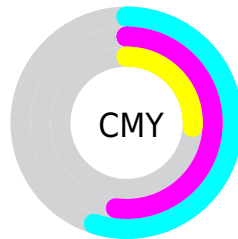


Cyan (38%)

Magenta (35%)

Yellow (0%)

Black (26%)



Cyan (55%)

Magenta (52%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747BBC 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 747BBC by changing the saturation by 10% instead.

■ 747BBC

■ 747BBC

FFFFFF

■ 5A62A1

■ AAFF5

■ 404B86

■ C6CBFF

■ 25346D

■ E3E7FF

■ 021F54

■ 00083D

■ 000326

■ 00010F

■ 000000

■ 747BBC

■ 747BBC

■ 616ABC

■ 878CBC

■ 4E59BC

■ 9A9DBC

■ 3C48BC

■ ACAEBC

■ 2937BC

■ BFBFBC

■ 1626BC

■ D2D0BC

■ 0315BC

■ E5E1BC

■ 0012BC

■ F8F2BC

■ FFFFBC

Harmonies

Analogous

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



3386BF



747BBC



9F6FA9

Triad

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



747BBC



B36F4F



1F9075

Complementary

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



747BBC



BCB574

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.



578C56



747BBC



9C7B3F

Square

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



747BBC



BD676A



7D8542



009096

Rectangle

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



747BBC



B16895



7D8542



378F6A

Sweetspot

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



747BBC



DADCF5



74BCB5



6A6C7A



F9FAFA



7A7A7A

Same Dimension

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



747BBC



848FF5



9174BC



55565E



000F9E



00031F

Inverse Universe

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



BC747B



F5848F



9FBC74



5E5556



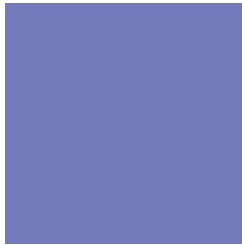
9E000F



1F0003

Previews

White Background



This preview shows how the Hex color 747BBC looks on a white background.

Color Contrast Check

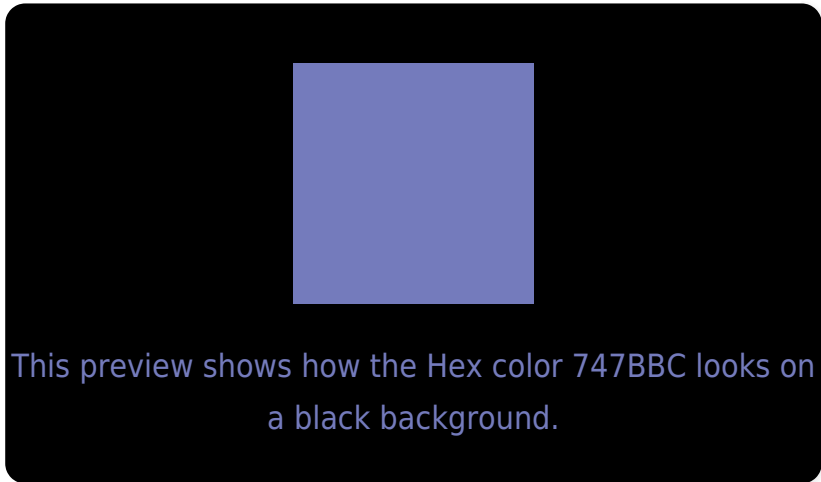
Large Text (above 18pt) WCAG AA ✓ Pass

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 747BBC Background



This preview shows how black text looks on a background with the Hex color 747BBC.

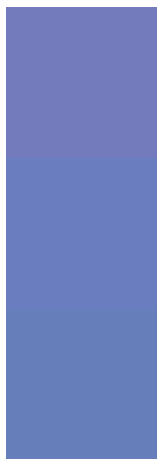


This preview shows how white text looks on a background with the Hex color 747BBC.

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
747BBC

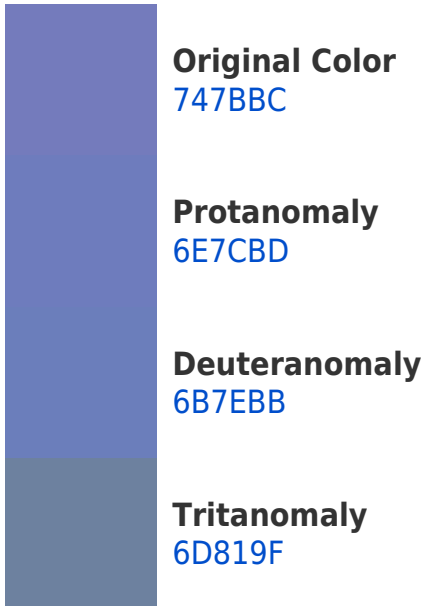
Protanopia
6A7DBE

Deuteranopia
667FBB

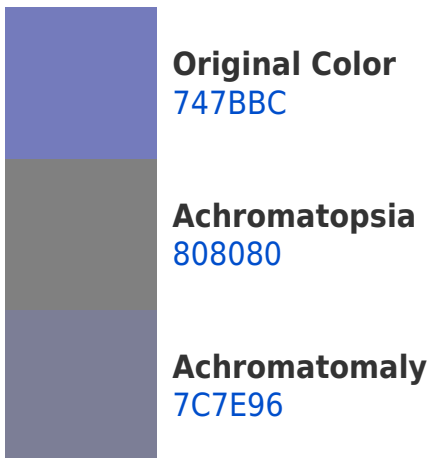


Tritanopia
69848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 747BBC 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 #747BBC looks like.

```
.text, #text, p{  
    color:#747BBC  
}
```

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 #747BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747BBC
}
```

Border

The CSS property to change the border of an element to Hex 747BBC 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
#747BBC }
```

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

```
.border{ border-color:#747BBC }
```

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

Here you see how a box with a 4 pixel #747BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747BBC; -webkit-box-shadow:4px 4px  
4px 4px #747BBC; box-shadow:4px 4px 4px  
4px #747BBC }
```

Background

The CSS property to change the background color of an element to Hex 747BBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747BBC }
```

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

```
.background{ background-color:#747BBC }
```

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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