

Converting Colors

Hex(727BB5)

Have a look what the booklet for
Hex(727BB5) contains.

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Color

Hex(727BB5)

Conversions

Conversions Part 1

Format	Color
Hex	727BB5
RGB	114, 123, 181
RGB Percent	45%, 48%, 71%
CMY	0.5529, 0.5176, 0.2902
CMYK	0.37, 0.32, 0.00, 0.29
HSL	232°, 31%, 58%
HSV	232°, 37%, 71%
XYZ	22.3629, 21.0795, 46.6062
YIQ	126.9210, -23.9820, 16.1300

Conversions

Conversions Part 2

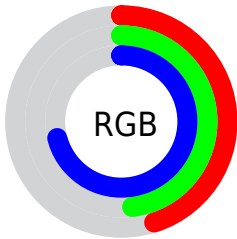
Format	Color
RYB	114, 122, 181
Decimal	7502773
CIELab	53.04, 11.10, -31.70
CIELCh	53, 33.587, 289.304
Yxy	21.0795, 0.2483, 0.2341
Android (android.graphics.Color)	4285692853 (0xFF727BB5)
YUV	126.9210, 26.6609, -11.3317
Hunter-Lab	45.9124, 6.5964, -28.0471

Details

The Hex color **727BB5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B5AC72**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A8AFED**, and **3E4B80** is the 20% darker color. If you saturate the color by 10%, you get **606BB5**, and if you desaturate by 10%, it is **848BB5**.

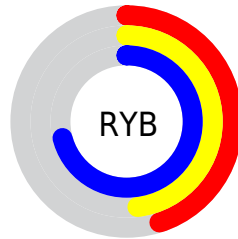
Distribution



Red (45%)

Green (48%)

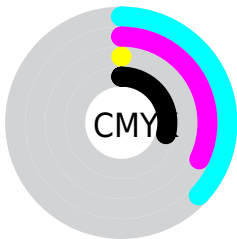
Blue (71%)



Red (45%)

Yellow (48%)

Blue (71%)

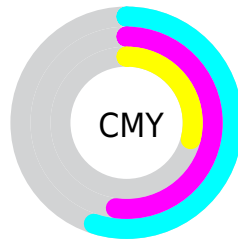


Cyan (37%)

Magenta (32%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (52%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 727BB5 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 727BB5 by changing the saturation by 10% instead.

■ 727BB5

■ 727BB5

FFFFFF

■ 58629A

■ A8AFED

■ 3E4B80

■ C4CBFF

■ 243467

■ E0E7FF

■ 041F4E

FDFFFF

■ 000737

■ 000221

■ 000006

■ 000000

■ 727BB5

■ 727BB5

606BB5

848BB5

4E5CB5

969AB5

3C4CB5

A8AAB5

2A3CB5

BABAB5

172DB5

CDC9B5

051DB5

DFD9B5

0018B5

F1E9B5

FFF8B5

FFFFB5

Harmonies

Analogous

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



3D85B7



727BB5



9970A5

Triad

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



727BB5



AE6F54



348D73

Complementary

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



727BB5



B5AC72

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.



5D8A58



727BB5



9A7946

Square

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



727BB5



B6686D



7E8347



008E91

Rectangle

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



727BB5



AA6B94



7E8347



448C69

Sweetspot

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



727BB5



D1D4EB



72B5AB



666875



F5F5F5



757575

Same Dimension

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



727BB5



8391EB



8972B5



505259



001599



00031A

Inverse Universe

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



B5727B



EB8391



9EB572



595052



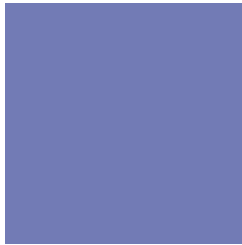
990015



1A0003

Previews

White Background



This preview shows how the Hex color 727BB5 looks on a white background.

Color Contrast Check

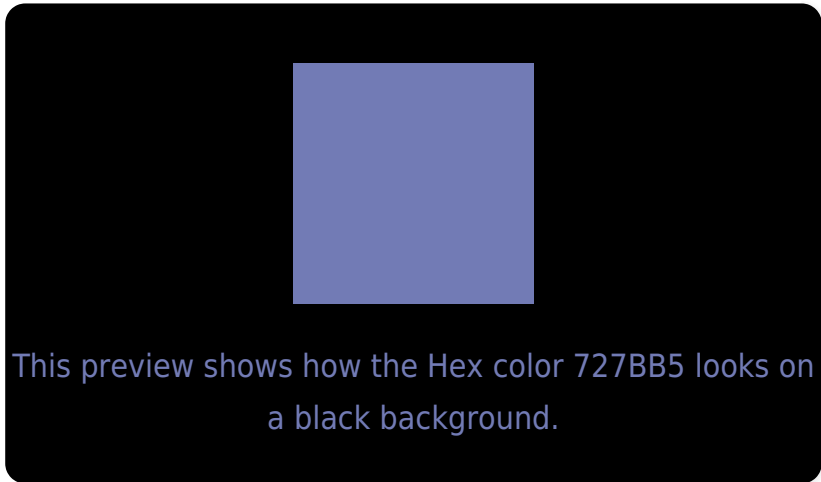
Large Text (above 18pt) WCAG AA ✓ Pass

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

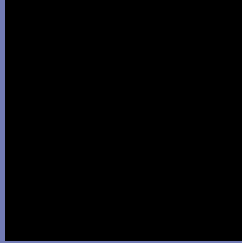
Any Text WCAG AA ✓ Pass

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 727BB5 Background



This preview shows how black text looks on a background with the Hex color 727BB5.



This preview shows how white text looks on a background with the Hex color 727BB5.

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


727BB5

Protanopia

6C7CB6

Deuteranopia

6A7DB5



Tritanopia
69838D

Trichromacy



Original Color
727BB5

Protanomaly
6E7CB6

Deuteranomaly
6D7CB5

Tritanomaly
6C809C

Monochromacy



Original Color
727BB5

Achromatopsia
7F7F7F

Achromatomaly
7A7E93

CSS Examples

Text

The CSS property to change the color of the text to Hex 727BB5 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 #727BB5 looks like.

```
.text, #text, p{  
    color:#727BB5  
}
```

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 #727BB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727BB5
}
```

Border

The CSS property to change the border of an element to Hex 727BB5 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
#727BB5 }
```

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

```
.border{ border-color:#727BB5 }
```

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

Here you see how a box with a 4 pixel #727BB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727BB5; -webkit-box-shadow:4px 4px  
4px 4px #727BB5; box-shadow:4px 4px 4px  
4px #727BB5 }
```

Background

The CSS property to change the background color of an element to Hex 727BB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727BB5 }
```

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

```
.background{ background-color:#727BB5 }
```

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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