

Converting Colors

Hex(4707BC)

Have a look what the booklet for
Hex(4707BC) contains.

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Color

Hex(4707BC)

Conversions

Conversions Part 1

Format	Color
Hex	4707BC
RGB	71, 7, 188
RGB Percent	28%, 3%, 74%
CMY	0.7216, 0.9725, 0.2627
CMYK	0.62, 0.96, 0.00, 0.26
HSL	261°, 93%, 38%
HSV	261°, 96%, 74%
XYZ	11.7516, 5.1224, 47.9463
YIQ	46.7700, -19.9570, 69.8590

Conversions

Conversions Part 2

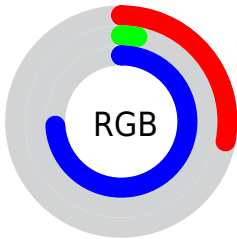
Format	Color
R_{YB}	71, 7, 188
Decimal	4655036
CIE _{Lab}	27.08, 63.40, -77.88
CIE _{LCh}	27, 100.423, 309.147
Yxy	5.1224, 0.1813, 0.0790
Android (android.graphics.Color)	4282845116 (0xFF4707BC)
YUV	46.7700, 69.6264, 21.2497
Hunter-Lab	22.6327, 53.0756, -109.7601

Details

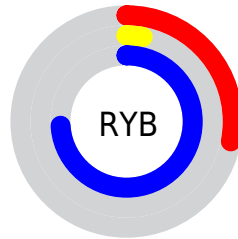
The Hex color **4707BC** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **7CBC07**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **8746F6**, and **000085** is the 20% darker color. If you saturate the color by 10%, you get **4200BC**, and if you desaturate by 10%, it is **531ABC**.

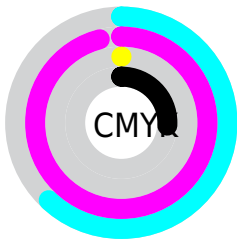
Distribution



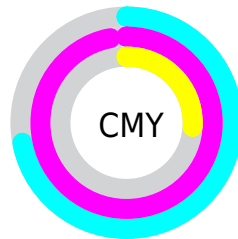
- Red (28%)
- Green (3%)
- Blue (74%)



- Red (28%)
- Yellow (3%)
- Blue (74%)



- Cyan (62%)
- Magenta (96%)
- Yellow (0%)
- Black (26%)



- Cyan (72%)
- Magenta (97%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4707BC 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 4707BC by changing the saturation by 10% instead.

4707BC

4707BC

FFFFFF

1E00A0

8746F6

000085

A560FF

00006B

C37BFF

000551

E296FF

000539

FFB2FF

000223

FFCFFF

000009

FFECFF

000000

4707BC

4707BC

■ 4200BC

■ 531ABC

■ 5F2DBC

■ 6B3FBC

■ 7852BC

■ 8465BC

■ 9078BC

■ 9C8BBC

■ A89DBC

■ B4B0BC

Harmonies

Analogous

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



0048E0



4707BC



A40079

Triad

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



4707BC



782200



005757

Complementary

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



4707BC



7CBC07

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.



005500



4707BC



3A4500

Square

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



4707BC



A40000



005100



005AA3

Rectangle

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



4707BC



B60046



005100



00573C

Sweetspot

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



4707BC



C7AEF5



077DBC



5F507A



FAFAFA



7A7A7A

Same Dimension

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



4707BC



5700F5



A107BC



58555E



38009E



0B001F

Inverse Universe

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



BC077C



F5009E



22BC07



5E555B



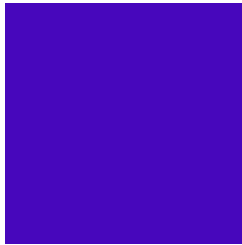
9E0066



1F0014

Previews

White Background



This preview shows how the Hex color 4707BC looks on a white background.

Color Contrast Check

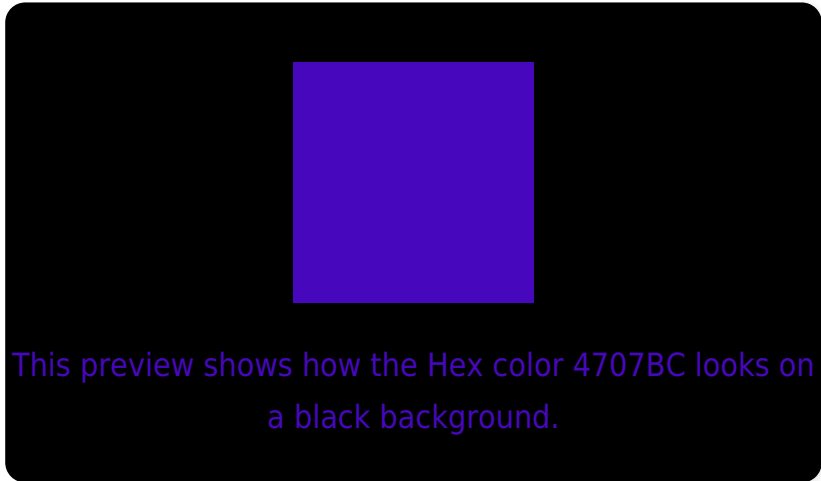
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

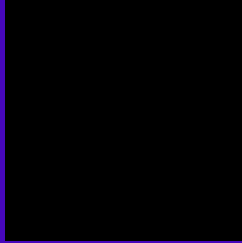
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4707BC Background



This preview shows how black text looks on a background with the Hex color 4707BC.



This preview shows how white text looks on a background with the Hex color 4707BC.

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
4707BC

Protanopia
003F85

Deuteranopia
004471



Tritanopia
00494E

Trichromacy



Original Color
4707BC

Protanomaly
1A2B99

Deuteranomaly
1A2E8C

Tritanomaly
1A3176

Monochromacy



Original Color
4707BC

Achromatopsia
2F2F2F

Achromatomaly
382062

CSS Examples

Text

The CSS property to change the color of the text to Hex 4707BC 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 #4707BC looks like.

```
.text, #text, p{  
    color:#4707BC  
}
```

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 #4707BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4707BC
}
```

Border

The CSS property to change the border of an element to Hex 4707BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

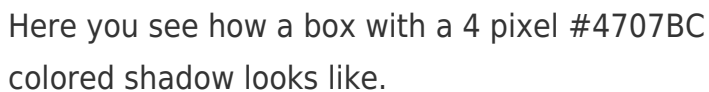
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4707BC }
```

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

```
.border{ border-color:#4707BC }
```

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



Here you see how a box with a 4 pixel #4707BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4707BC; -webkit-box-shadow:4px 4px  
4px 4px #4707BC; box-shadow:4px 4px 4px  
4px #4707BC }
```

Background

The CSS property to change the background color of an element to Hex 4707BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4707BC }
```

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

```
.background{ background-color:#4707BC }
```

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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