

# Converting Colors

Hex(5704BC)

Have a look what the booklet for  
Hex(5704BC) contains.

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**Color**

**Hex(5704BC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5704BC
RGB	87, 4, 188
RGB Percent	34%, 2%, 74%
CMY	0.6588, 0.9843, 0.2627
CMYK	0.54, 0.98, 0.00, 0.26
HSL	267°, 96%, 38%
HSV	267°, 98%, 74%
XYZ	13.0510, 5.7439, 47.9978
YIQ	49.7930, -9.5960, 74.8200

# Conversions

## Conversions Part 2

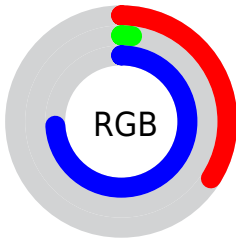
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	87, 4, 188
Decimal	5702844
CIE Lab	28.76, 65.03, -75.05
CIE LCh	29, 99.304, 310.912
Yxy	5.7439, 0.1954, 0.0860
Android (android.graphics.Color)	4283892924 (0xFF5704BC)
YUV	49.7930, 68.1361, 32.6305
Hunter-Lab	23.9665, 55.2614, -101.9639

# Details

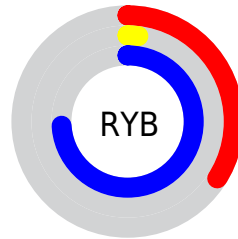
The Hex color **5704BC** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **69BC04**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9447F6**, and **000085** is the 20% darker color. If you saturate the color by 10%, you get **5500BC**, and if you desaturate by 10%, it is **6117BC**.

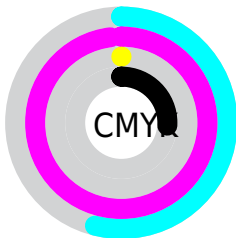
# Distribution



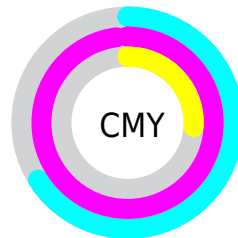
- Red (34%)
- Green (2%)
- Blue (74%)



- Red (34%)
- Yellow (2%)
- Blue (74%)



- Cyan (54%)
- Magenta (98%)
- Yellow (0%)
- Black (26%)



- Cyan (66%)
- Magenta (98%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5704BC 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 5704BC by changing the saturation by 10% instead.



5704BC

5704BC

FFFFFF

3500A0

9447F6

000085

B262FF

00006B

D07DFF

000051

EE99FF

000539

FFB5FF

000223

FFD1FF

00000A

FFEEFF

000000

5704BC

5704BC

■ 5500BC

■ 6117BC

■ 6C2ABC

■ 763CBC

■ 804FBC

■ 8B62BC

■ 9575BC

■ 9F88BC

■ AA9ABC

■ B4ADBC

# Harmonies

## Analogous

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



004AE2



5704BC



AA0078

# Triad

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



5704BC



7A2A00



005C60

# Complementary

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



5704BC



69BC04

# 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.



005A05



5704BC



3A4A00

# Square

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



5704BC



A70000



005600



005EAA

# Rectangle

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



5704BC



BB0046



005600



005B45



# Sweetspot

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



5704BC



CEAEF5



0469BC



63507A



FAFAFA



7A7A7A



# Same Dimension

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



5704BC



6E00F5



B304BC



59555E



47009E



0E001F



# Inverse Universe

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



BC0469



F50086



0DBC04



5E555A



9E0057

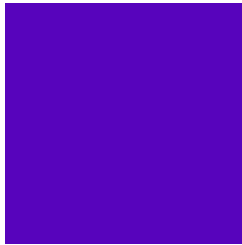


1F0011



# Previews

## White Background



This preview shows how the Hex color 5704BC looks on a white background.

## Color Contrast Check

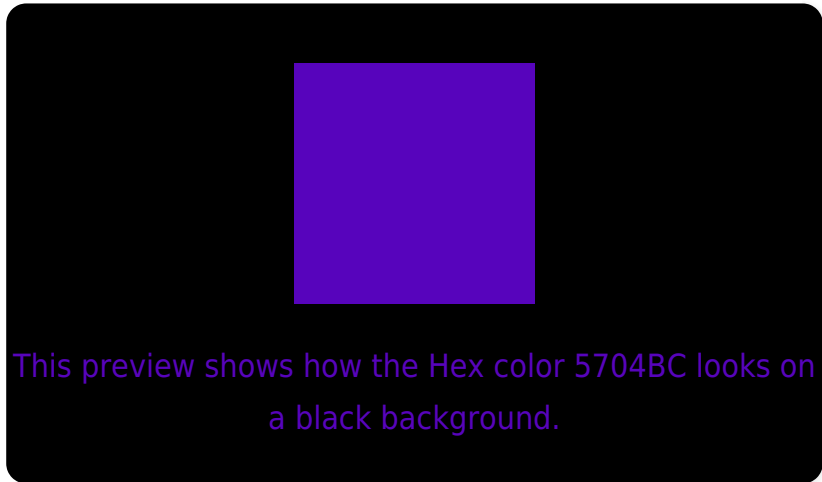
Large Text (above 18pt) WCAG AA ✓ Pass

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

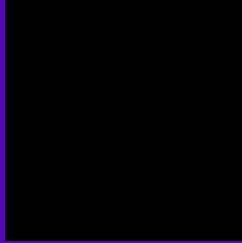
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5704BC Background



This preview shows how black text looks on a background with the Hex color 5704BC.



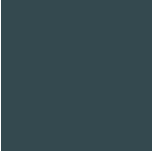
This preview shows how white text looks on a background with the Hex color 5704BC.

# 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**  
34494F

# Trichromacy



**Original Color**  
5704BC

**Protanomaly**  
202C9F

**Deuteranomaly**  
202F91

**Tritanomaly**  
413077

# Monochromacy



**Original Color**  
5704BC

**Achromatopsia**  
323232

**Achromatomaly**  
3F2164

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5704BC 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 #5704BC looks like.

```
.text, #text, p{  
    color:#5704BC  
}
```

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 #5704BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5704BC
}
```

## Border

The CSS property to change the border of an element to Hex 5704BC 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".

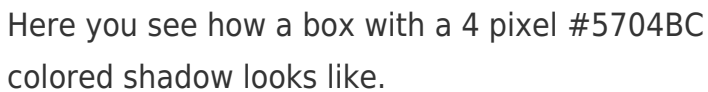
```
.border, #border, table{ border:4px solid
#5704BC }
```

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

```
.border{ border-color:#5704BC }
```

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

Here you see how a box with a 4 pixel #5704BC colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5704BC; -webkit-box-shadow:4px 4px  
4px 4px #5704BC; box-shadow:4px 4px 4px  
4px #5704BC }
```

# Background

The CSS property to change the background color of an element to Hex 5704BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5704BC }
```

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

```
.background{ background-color:#5704BC }
```

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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