

Converting Colors

Hex(4207B7)

Have a look what the booklet for
Hex(4207B7) contains.

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Color

Hex(4207B7)

Conversions

Conversions Part 1

Format	Color
Hex	4207B7
RGB	66, 7, 183
RGB Percent	26%, 3%, 72%
CMY	0.7412, 0.9725, 0.2824
CMYK	0.64, 0.96, 0.00, 0.28
HSL	260°, 93%, 37%
HSV	260°, 96%, 72%
XYZ	10.8700, 4.7291, 45.1396
YIQ	44.7050, -21.3320, 67.2440

Conversions

Conversions Part 2

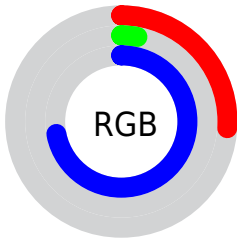
Format	Color
RYB	66, 7, 183
Decimal	4327351
CIELab	25.95, 61.89, -76.80
CIElCh	26, 98.634, 308.860
Yxy	4.7291, 0.1790, 0.0779
Android (android.graphics.Color)	4282517431 (0xFF4207B7)
YUV	44.7050, 68.1794, 18.6757
Hunter-Lab	21.7465, 51.1668, -107.8468

Details

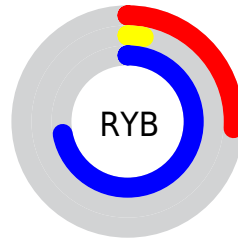
The Hex color **4207B7** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **7CB707**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8244F0**, and **000080** is the 20% darker color. If you saturate the color by 10%, you get **3D00B7**, and if you desaturate by 10%, it is **4E19B7**.

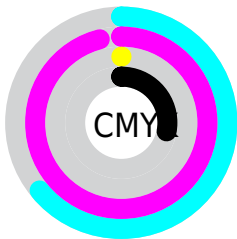
Distribution



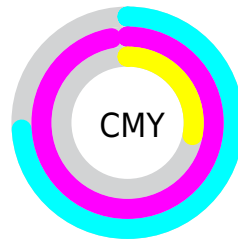
- Red (26%)
- Green (3%)
- Blue (72%)



- Red (26%)
- Yellow (3%)
- Blue (72%)



- Cyan (64%)
- Magenta (96%)
- Yellow (0%)
- Black (28%)



- Cyan (74%)
- Magenta (97%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4207B7 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 4207B7 by changing the saturation by 10% instead.

4207B7

4207B7

FFFFFF

16009B

8244F0

000080

A05FFF

000066

BE7AFF

00094D

DD95FF

000535

FBB0FF

00021F

FFC0FF

000002

FFE0FF

000000

4207B7

4207B7

■ 3D00B7

■ 4E19B7

■ 5A2CB7

■ 663EB7

■ 7350B7

■ 7F63B7

■ 8B75B7

■ 9787B7

■ A399B7

■ AFACB7

Harmonies

Analogous

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



0046DA



4207B7



9E0076

Triad

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



4207B7



751F00



005453

Complementary

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



4207B7



7CB707

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.



005200



4207B7



384200

Square

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



4207B7



9F0000



004E00



00569D

Rectangle

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



4207B7



B10044



004E00



005339

Sweetspot

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



4207B7



BFA8ED



077CB7



5C4E78



F7F7F7



787878

Same Dimension

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



4207B7



4F00ED



9A07B7



56535C



34009C



09001C

Inverse Universe

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



B7077C



ED009E



24B707



5C5359



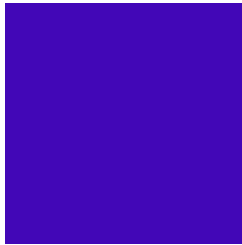
9C0067



1C0013

Previews

White Background



This preview shows how the Hex color 4207B7 looks on a white background.

Color Contrast Check

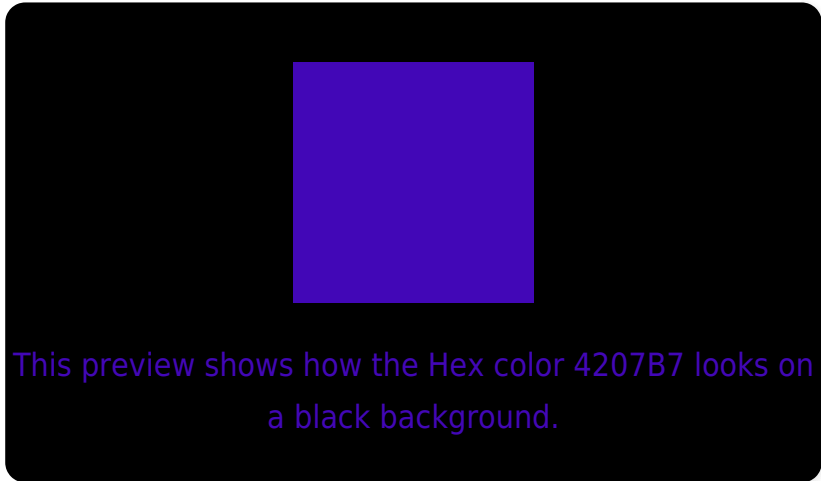
Large Text (above 18pt) WCAG AA ✓ Pass

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

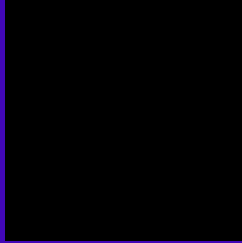
Any Text WCAG AA × Fail

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 4207B7 Background



This preview shows how black text looks on a background with the Hex color 4207B7.



This preview shows how white text looks on a background with the Hex color 4207B7.

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
4207B7

Protanopia
003D80

Deuteranopia
00416D



Tritanopia
00464B

Trichromacy



Original Color
4207B7

Protanomaly
182994

Deuteranomaly
182C88

Tritanomaly
182F72

Monochromacy



Original Color
4207B7

Achromatopsia
2D2D2D

Achromatomaly
351F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4207B7 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 #4207B7 looks like.

```
.text, #text, p{  
    color:#4207B7  
}
```

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 #4207B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4207B7
}
```

Border

The CSS property to change the border of an element to Hex 4207B7 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
#4207B7 }
```

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

```
.border{ border-color:#4207B7 }
```

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

Here you see how a box with a 4 pixel #4207B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4207B7; -webkit-box-shadow:4px 4px  
4px 4px #4207B7; box-shadow:4px 4px 4px  
4px #4207B7 }
```

Background

The CSS property to change the background color of an element to Hex 4207B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4207B7 }
```

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

```
.background{ background-color:#4207B7 }
```

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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