

Converting Colors

Hex(7402BD)

Have a look what the booklet for
Hex(7402BD) contains.

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Color

Hex(7402BD)

Conversions

Conversions Part 1

Format	Color
Hex	7402BD
RGB	116, 2, 189
RGB Percent	45%, 1%, 74%
CMY	0.5451, 0.9922, 0.2588
CMYK	0.39, 0.99, 0.00, 0.26
HSL	277°, 98%, 37%
HSV	277°, 99%, 74%
XYZ	16.4095, 7.4305, 48.7135
YIQ	57.4040, 7.9170, 82.3250

Conversions

Conversions Part 2

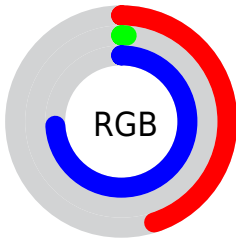
Format	Color
R_{YB}	116, 2, 189
Decimal	7602877
CIE _{Lab}	32.77, 68.21, -68.88
CIE _{LCh}	33, 96.939, 314.717
Yxy	7.4305, 0.2262, 0.1024
Android (android.graphics.Color)	4285792957 (0xFF7402BD)
YUV	57.4040, 64.8768, 51.3887
Hunter-Lab	27.2590, 59.7507, -86.8734

Details

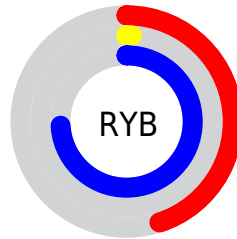
The Hex color **7402BD** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **4BBD02**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **AF4BF6**, and **370086** is the 20% darker color. If you saturate the color by 10%, you get **7300BD**, and if you desaturate by 10%, it is **7B15BD**.

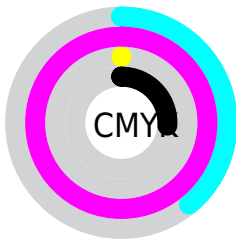
Distribution



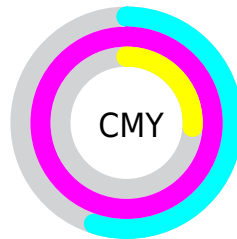
- Red (45%)
- Green (1%)
- Blue (74%)



- Red (45%)
- Yellow (1%)
- Blue (74%)



- Cyan (39%)
- Magenta (99%)
- Yellow (0%)
- Black (26%)



- Cyan (55%)
- Magenta (99%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7402BD 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 7402BD by changing the saturation by 10% instead.

 7402BD

 7402BD

FFFFFF

 5600A1

 AF4BF6

 370086

 CC67FF

 13006C

 EB83FF

 000053

 FF9FFF

 00063A

 FFBCFF

 000224

 FFD9FF

 00000B

 FFF6FF

 000000

 7402BD

 7402BD

■ 7300BD

■ 7B15BD

■ 8328BD

■ 8A3BBD

■ 924EBD

■ 9961BD

■ A073BD

■ A886BD

■ AF99BD

■ B6ACBD

Harmonies

Analogous

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



004EE7



7402BD



B90078

Triad

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



7402BD



7E3A00



006773

Complementary

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



7402BD



4BBD02

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.



006520



7402BD



3B5600

Square

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



7402BD



AE0000



006100



0068BB

Rectangle

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



7402BD



C60046



006100



006658

Sweetspot

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



7402BD



D8ABF5



024DBD



694E7A



FAFAFA



7A7A7A

Same Dimension

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



7402BD



9500F5



BD02AA



5B555E



60009E



13001F

Inverse Universe

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



BD024B



F50060



02BD15



5E5559



9E003E



1F000C

Previews

White Background



This preview shows how the Hex color 7402BD looks on a white background.

Color Contrast Check

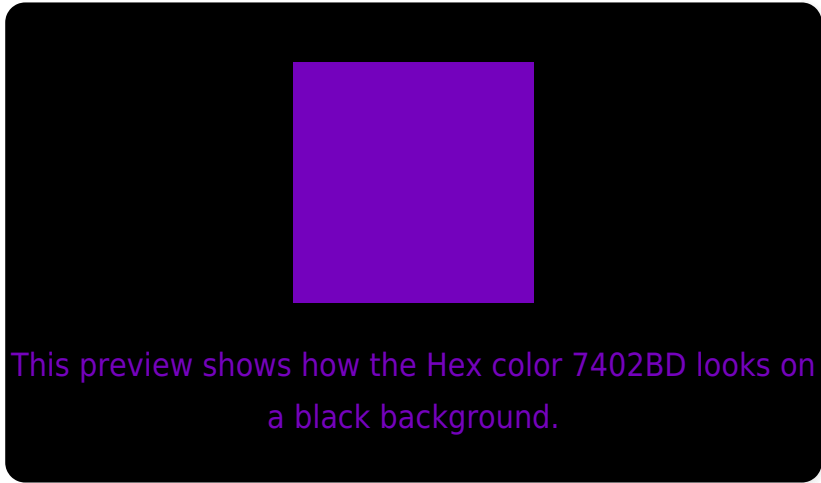
Large Text (above 18pt) WCAG AA ✓ Pass

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

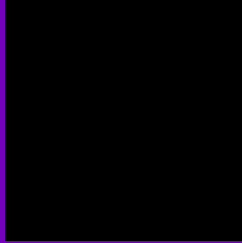
Any Text WCAG AA × Fail

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 7402BD Background



This preview shows how black text looks on a background with the Hex color 7402BD.



This preview shows how white text looks on a background with the Hex color 7402BD.

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
7402BD

Protanopia
004DA1

Deuteranopia
00528B



Tritanopia
5E4A50

Trichromacy



Original Color
7402BD



Protanomaly
2A32AB



Deuteranomaly
2A359D



Tritanomaly
663078

Monochromacy



Original Color
7402BD



Achromatopsia
393939



Achromatomaly
4E2569

CSS Examples

Text

The CSS property to change the color of the text to Hex 7402BD 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 #7402BD looks like.

```
.text, #text, p{  
    color:#7402BD  
}
```

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 #7402BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7402BD }  
}
```

Border

The CSS property to change the border of an element to Hex 7402BD 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 #7402BD }  
}
```

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

```
.border{ border-color:#7402BD }
```

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

Here you see how a box with a 4 pixel #7402BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7402BD; -webkit-box-shadow:4px 4px  
4px 4px #7402BD; box-shadow:4px 4px 4px  
4px #7402BD }
```

Background

The CSS property to change the background color of an element to Hex 7402BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7402BD }
```

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

```
.background{ background-color:#7402BD }
```

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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