

Converting Colors

Hex(7012BA)

Have a look what the booklet for
Hex(7012BA) contains.

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Color

Hex(7012BA)

Conversions

Conversions Part 1

Format	Color
Hex	7012BA
RGB	112, 18, 186
RGB Percent	44%, 7%, 73%
CMY	0.5608, 0.9294, 0.2706
CMYK	0.40, 0.90, 0.00, 0.27
HSL	274°, 82%, 40%
HSV	274°, 90%, 73%
XYZ	15.7613, 7.4225, 47.0564
YIQ	65.2580, 2.0960, 72.1760

Conversions

Conversions Part 2

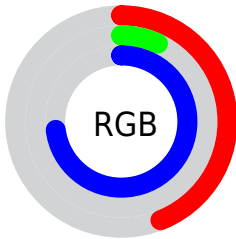
Format	Color
R_{YB}	112, 18, 186
Decimal	7344826
CIE _{Lab}	32.75, 64.57, -67.16
CIE _{LCh}	33, 93.163, 313.873
Y _{xy}	7.4225, 0.2244, 0.1057
Android (android.graphics.Color)	4285534906 (0xFF7012BA)
YUV	65.2580, 59.5258, 40.9927
Hunter-Lab	27.2443, 55.5879, -83.3346

Details

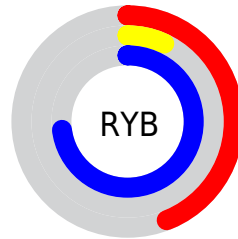
The Hex color **7012BA** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **5CBA12**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **AA50F3**, and **330083** is the 20% darker color. If you saturate the color by 10%, you get **6800BA**, and if you desaturate by 10%, it is **7825BA**.

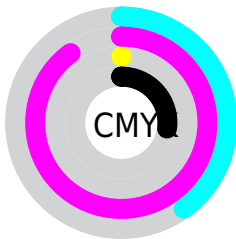
Distribution



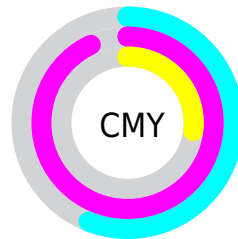
- Red (44%)
- Green (7%)
- Blue (73%)



- Red (44%)
- Yellow (7%)
- Blue (73%)



- Cyan (40%)
- Magenta (90%)
- Yellow (0%)
- Black (27%)



- Cyan (56%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7012BA 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 7012BA by changing the saturation by 10% instead.

 7012BA

 7012BA

FFFFFF

 53009E

 AA50F3

 330083

 C86BFF

 0E0069

 E687FF

 000050

 FFA3FF

 000538

 FFBFFF

 000222

 FFDCFF

 000007

 FFF9FF

 000000

 7012BA

 7012BA

6800BA

7825BA

8037BA

894ABA

915CBA

996FBA

A182BA

A994BA

B2A7BA

BAB9BA

Harmonies

Analogous

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



004EE1



7012BA



B40078

Triad

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



7012BA



7E3A00



00666F

Complementary

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



7012BA



5CBA12

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.



00641F



7012BA



3F5500

Square

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



7012BA



AC0000



006000



0067B4

Rectangle

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



7012BA



C20048



006000



006655

Sweetspot

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



7012BA



D5B1F2



125EBA



69537A



FAFAFA



7A7A7A

Same Dimension

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



7012BA



8800F2



BA12B2



58535C



57009C



10001C

Inverse Universe

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



BA125C



F2006B



12BA1A



5C5357



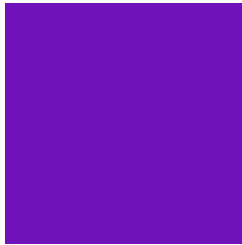
9C0045



1C000C

Previews

White Background



This preview shows how the Hex color 7012BA looks on a white background.

Color Contrast Check

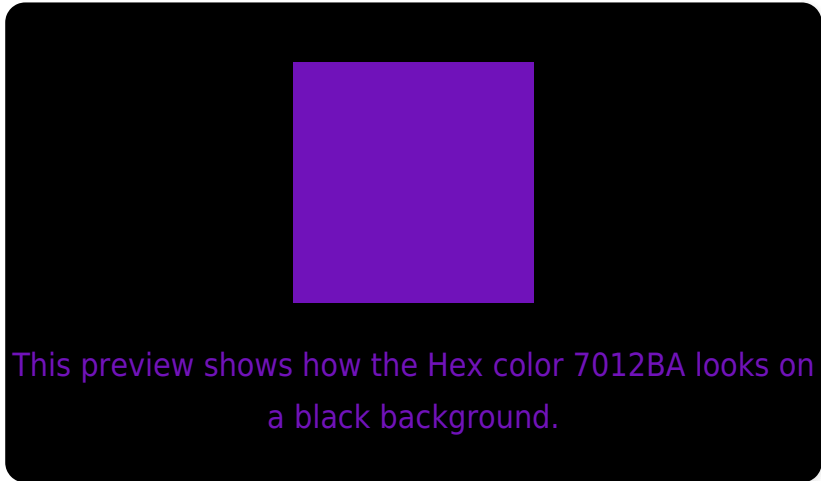
Large Text (above 18pt) WCAG AA ✓ Pass

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

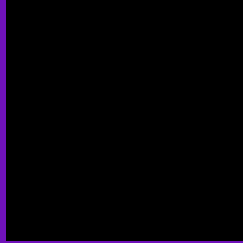
Any Text WCAG AA × Fail

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 7012BA Background



This preview shows how black text looks on a background with the Hex color 7012BA.

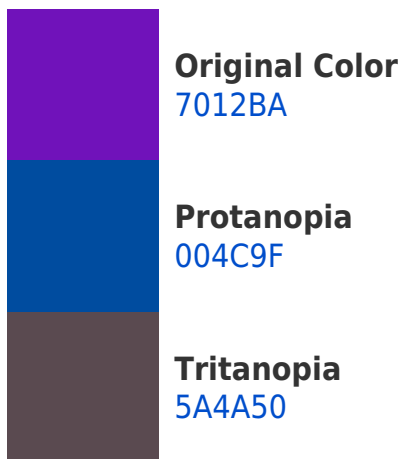


This preview shows how white text looks on a background with the Hex color 7012BA.

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



Trichromacy



Original Color
7012BA

Protanomaly
2937A9

Tritanomaly
623677

Monochromacy



Original Color
7012BA

Achromatopsia
414141

Achromatomaly
52306D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7012BA 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 #7012BA looks like.

```
.text, #text, p{  
    color:#7012BA  
}
```

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 #7012BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7012BA
}
```

Border

The CSS property to change the border of an element to Hex 7012BA 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
#7012BA }
```

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

```
.border{ border-color:#7012BA }
```

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

Here you see how a box with a 4 pixel #7012BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7012BA; -webkit-box-shadow:4px 4px  
4px 4px #7012BA; box-shadow:4px 4px 4px  
4px #7012BA }
```

Background

The CSS property to change the background color of an element to Hex 7012BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7012BA }
```

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

```
.background{ background-color:#7012BA }
```

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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