

Converting Colors

Hex(7031B7)

Have a look what the booklet for
Hex(7031B7) contains.

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Color

Hex(7031B7)

Conversions

Conversions Part 1

Format	Color
Hex	7031B7
RGB	112, 49, 183
RGB Percent	44%, 19%, 72%
CMY	0.5608, 0.8078, 0.2824
CMYK	0.39, 0.73, 0.00, 0.28
HSL	268°, 58%, 45%
HSV	268°, 73%, 72%
XYZ	16.3276, 9.0603, 45.6880
YIQ	83.1130, -5.4660, 55.0300

Conversions

Conversions Part 2

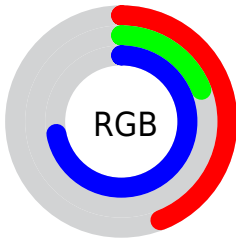
Format	Color
R _Y B	112, 49, 183
Decimal	7352759
CIE Lab	36.10, 53.38, -59.90
CIE LCh	36, 80.236, 311.704
Yxy	9.0603, 0.2297, 0.1275
Android (android.graphics.Color)	4285542839 (0xFF7031B7)
YUV	83.1130, 49.2443, 25.3339
Hunter-Lab	30.1003, 44.1504, -68.9237

Details

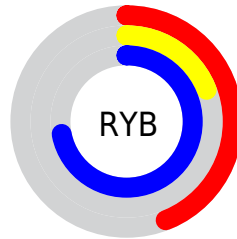
The Hex color **7031B7** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **78B731**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A965F0**, and **360081** is the 20% darker color. If you saturate the color by 10%, you get **661FB7**, and if you desaturate by 10%, it is **7A43B7**.

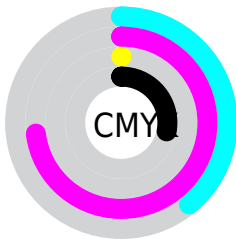
Distribution



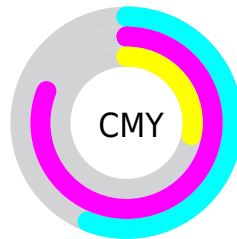
- Red (44%)
- Green (19%)
- Blue (72%)



- Red (44%)
- Yellow (19%)
- Blue (72%)



- Cyan (39%)
- Magenta (73%)
- Yellow (0%)
- Black (28%)



- Cyan (56%)
- Magenta (81%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7031B7 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 7031B7 by changing the saturation by 10% instead.

 7031B7

 7031B7

FFFFFF

 54159C

 A965F0

 360081

 C67FFF

 130067

 E39AFF

 00004E

 FFB6FF

 000536


 FFD2FF

 000220

 FFEFFF

 000004

 000000

 7031B7

 7031B7

661FB7

7A43B7

5D0CB7

8356B7

5600B7

8D68B7

977AB7

A08CB7

AA9FB7

B4B1B7

BEC3B7

C7D6B7

Harmonies

Analogous

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



0056D6



7031B7



AF007F

Triad

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



7031B7



884200



006D6E

Complementary

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



7031B7



78B731

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.



006B29



7031B7



525A00

Square

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



7031B7



AE0200



006600



006DAB

Rectangle

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



7031B7



BE0054



006600



006D57

Sweetspot

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



7031B7



D2B9ED



3178B7



675978



F7F7F7



787878

Same Dimension

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



7031B7



7F1CED



B331B7



57535C



49009C



0D001C

Inverse Universe

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



B73178



ED1C8B



35B731



5C5357



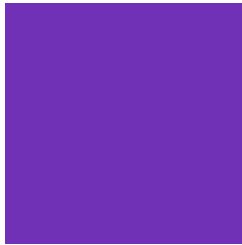
9C0052



1C000F

Previews

White Background



This preview shows how the Hex color 7031B7 looks on a white background.

Color Contrast Check

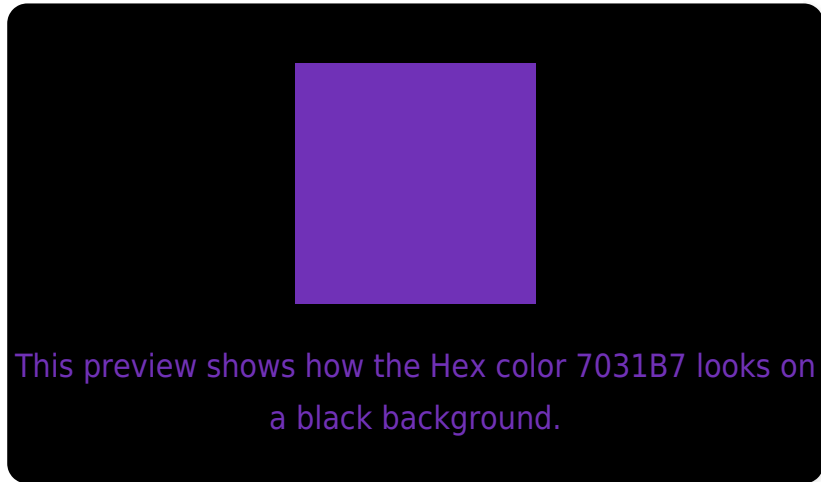
Large Text (above 18pt) WCAG AA ✓ Pass

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

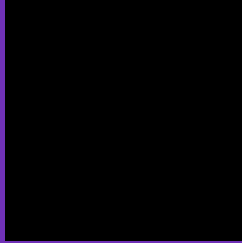
Any Text WCAG AA × Fail

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 7031B7 Background



This preview shows how black text looks on a background with the Hex color 7031B7.

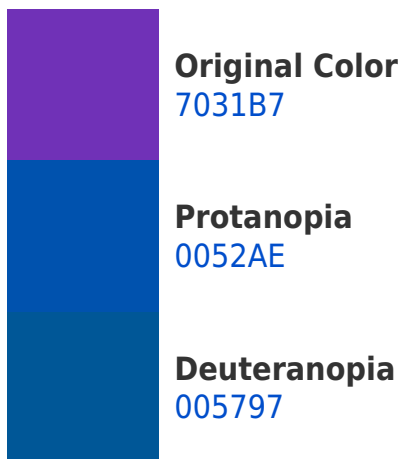


This preview shows how white text looks on a background with the Hex color 7031B7.

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
5C5259

Trichromacy



Original Color
7031B7



Protanomaly
2946B1



Deuteranomaly
2949A3



Tritanomaly
63467B

Monochromacy



Original Color
7031B7



Achromatopsia
535353



Achromatomaly
5E4777

CSS Examples

Text

The CSS property to change the color of the text to Hex 7031B7 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 #7031B7 looks like.

```
.text, #text, p{  
    color:#7031B7  
}
```

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 #7031B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7031B7
}
```

Border

The CSS property to change the border of an element to Hex 7031B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

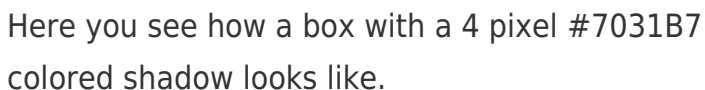
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7031B7 }
```

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

```
.border{ border-color:#7031B7 }
```

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



Here you see how a box with a 4 pixel #7031B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7031B7; -webkit-box-shadow:4px 4px  
4px 4px #7031B7; box-shadow:4px 4px 4px  
4px #7031B7 }
```

Background

The CSS property to change the background color of an element to Hex 7031B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7031B7 }
```

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

```
.background{ background-color:#7031B7 }
```

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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