

Converting Colors

Hex(7047DB)

Have a look what the booklet for
Hex(7047DB) contains.

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Color

Hex(7047DB)

Conversions

Conversions Part 1

Format	Color
Hex	7047DB
RGB	112, 71, 219
RGB Percent	44%, 28%, 86%
CMY	0.5608, 0.7216, 0.1412
CMYK	0.49, 0.68, 0.00, 0.14
HSL	257°, 67%, 57%
HSV	257°, 68%, 86%
XYZ	21.7215, 13.0657, 68.3949
YIQ	100.1310, -23.0720, 54.7200

Conversions

Conversions Part 2

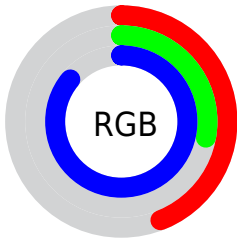
Format	Color
RYB	112, 71, 219
Decimal	7358427
CIELab	42.86, 51.98, -69.80
CIElCh	43, 87.026, 306.675
Yxy	13.0657, 0.2105, 0.1266
Android (android.graphics.Color)	4285548507 (0xFF7047DB)
YUV	100.1310, 58.6024, 10.4091
Hunter-Lab	36.1465, 44.0096, -86.8835

Details

The Hex color **7047DB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **B2DB47**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AB7AFF**, and **3014A3** is the 20% darker color. If you saturate the color by 10%, you get **6031DB**, and if you desaturate by 10%, it is **805DDB**.

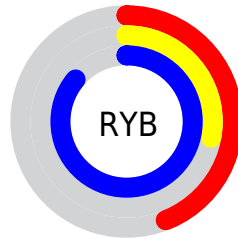
Distribution



Red (44%)

Green (28%)

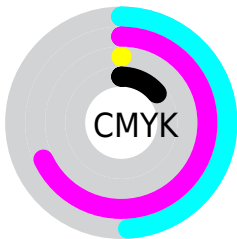
Blue (86%)



Red (44%)

Yellow (28%)

Blue (86%)

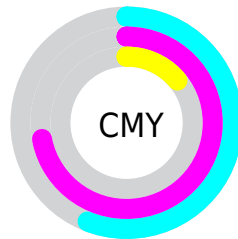


Cyan (49%)

Magenta (68%)

Yellow (0%)

Black (14%)



Cyan (56%)

Magenta (72%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7047DB 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 7047DB by changing the saturation by 10% instead.

 7047DB

 7047DB

FFFFFF

 512EBF

 AB7AFF

 3014A3

 C995FF

 000088

 E7B0FF

 00006E

 FFCCFF

 000054

 FFE9FF

 00063C

 000225

 00010E

 000000

 7047DB

 7047DB

 6031DB

 805DDB

 501BDB

 9073DB

 4105DB

 9F89DB

 3D00DB

 AF9FDB

 BFB5DB

 CFCADB

 DFE0DB

 EFF6DB

 FEFFDB

Harmonies

Analogous

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



006BF8



7047DB



C300A0

Triad

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



7047DB



A74A00



008174

Complementary

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



7047DB



B2DB47

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.



007E25



7047DB



6E6800

Square

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



7047DB



CF0010



007700



0081BB

Rectangle

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



7047DB



D90071



007700



00805B

Sweetspot

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



7047DB



DACCFE



47B4DB



696180



000000



808080

Same Dimension

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



7047DB



6A30FF



B847DB



66636E



3000AD



0D002E

Inverse Universe

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



DB47B2



FF30C6



6ADB47



6E636B



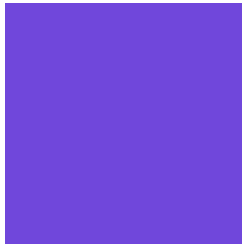
AD007D



2E0021

Previews

White Background



This preview shows how the Hex color 7047DB looks on a white background.

Color Contrast Check

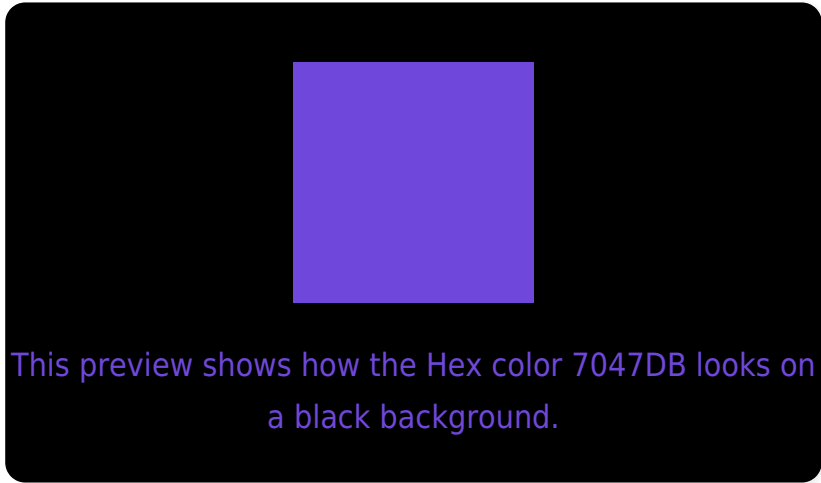
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

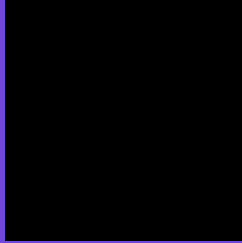
Any Text WCAG AA × Fail

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 7047DB Background



This preview shows how black text looks on a background with the Hex color 7047DB.

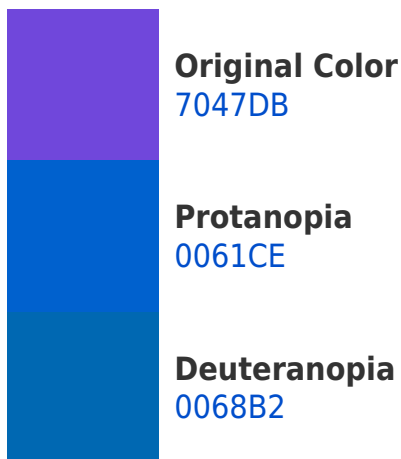



This preview shows how white text looks on a background with the Hex color 7047DB.

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
526971

Trichromacy



Original Color
7047DB



Protanomaly
2958D3



Deuteranomaly
295CC1



Tritanomaly
5D5D98

Monochromacy



Original Color
7047DB



Achromatopsia
646464



Achromatomaly
68598F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7047DB 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 #7047DB looks like.

```
.text, #text, p{  
    color:#7047DB  
}
```

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 #7047DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7047DB
}
```

Border

The CSS property to change the border of an element to Hex 7047DB 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
#7047DB }
```

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

```
.border{ border-color:#7047DB }
```

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

Here you see how a box with a 4 pixel #7047DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7047DB; -webkit-box-shadow:4px 4px  
4px 4px #7047DB; box-shadow:4px 4px 4px  
4px #7047DB }
```

Background

The CSS property to change the background color of an element to Hex 7047DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7047DB }
```

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

```
.background{ background-color:#7047DB }
```

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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