

Converting Colors

Hex(762CDB)

Have a look what the booklet for
Hex(762CDB) contains.

| | |
|--|----|
| Hex(762CDB) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(762CDB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 762CDB |
| RGB | 118, 44, 219 |
| RGB Percent | 46%, 17%, 86% |
| CMY | 0.5373, 0.8275, 0.1412 |
| CMYK | 0.46, 0.80, 0.00, 0.14 |
| HSL | 265°, 71%, 52% |
| HSV | 265°, 80%, 86% |
| XYZ | 21.1581, 10.7674, 67.9810 |
| YIQ | 86.0760, -12.0710, 70.1130 |

Conversions

Conversions Part 2

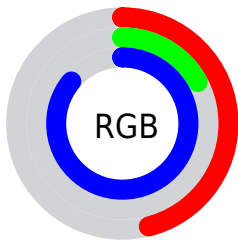
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 118, 44, 219 |
| Decimal | 7744731 |
| CIE Lab | 39.19, 65.16, -75.79 |
| CIE LCh | 39, 99.948, 310.686 |
| Yxy | 10.7674, 0.2118, 0.1078 |
| Android (android.graphics.Color) | 4285934811 (0xFF762CDB) |
| YUV | 86.0760, 65.5315, 27.9973 |
| Hunter-Lab | 32.8137, 57.6718, -99.8630 |

Details

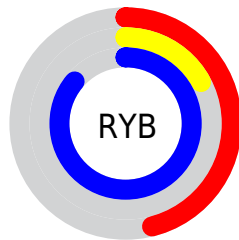
The Hex color **762CDB** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **91DB2C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B263FF**, and **3500A3** is the 20% darker color. If you saturate the color by 10%, you get **6916DB**, and if you desaturate by 10%, it is **8342DB**.

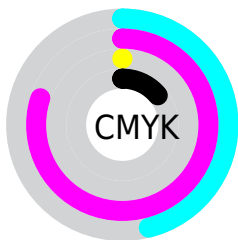
Distribution



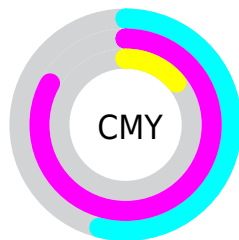
- Red (46%)
- Green (17%)
- Blue (86%)



- Red (46%)
- Yellow (17%)
- Blue (86%)



- Cyan (46%)
- Magenta (80%)
- Yellow (0%)
- Black (14%)



- Cyan (54%)
- Magenta (83%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 762CDB 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 762CDB by changing the saturation by 10% instead.

 762CDB

 762CDB


FFFFFF

 5707BE

 B263FF

 3500A3

 D07EFF

 000087

 EF9AFF

 00006D

 FFB6FF

 000054

 FFD3FF

 00063B

 FFF0FF

 000225

 00010D

 000000

■ 762CDB

■ 762CDB

■ 6916DB

■ 8342DB

■ 5D00DB

■ 8F58DB

■ 9C6EDB

■ A984DB

■ B59ADB

■ C2AFDB

■ CEC5DB

■ DBDBDB

■ E8F1DB

Harmonies

Analogous

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



0061FF



762CDB



CB0094

Triad

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



762CDB



9A4300



007979

Complementary

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



762CDB



91DB2C

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.



00761F



762CDB



576300

Square

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



762CDB



CB0000



007100



007AC7

Rectangle

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



762CDB



DE005F



007100



00785C

Sweetspot

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



762CDB



DCC2FF



2C92DB



6A5B80



000000



808080

Same Dimension

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



762CDB



720AFF



CC2CDB



67636E



4900AD



13002E

Inverse Universe

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



DB2C91



FF0A97



3BDB2C



6E6369



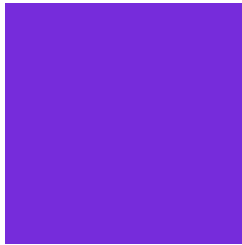
AD0064



2E001A

Previews

White Background



This preview shows how the Hex color 762CDB looks on a white background.

Color Contrast Check

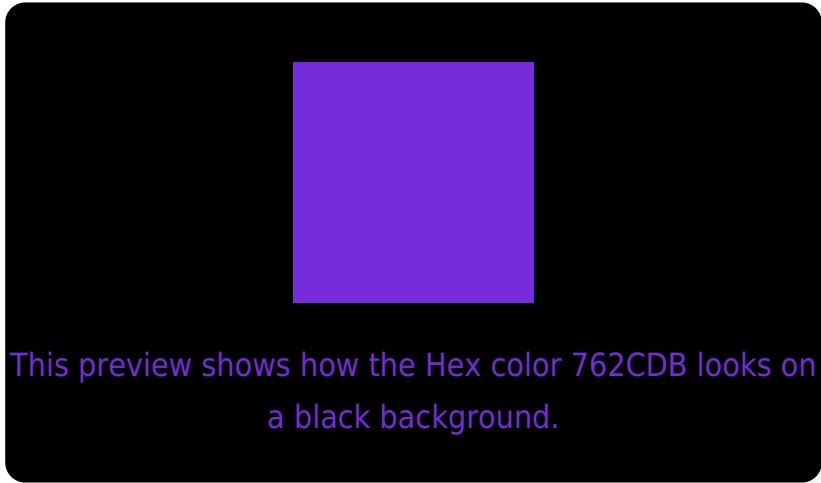
Large Text (above 18pt) WCAG AA ✓ Pass

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

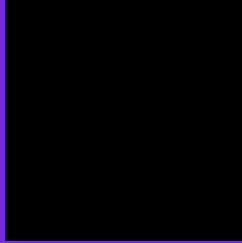
Any Text WCAG AA × Fail

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 762CDB Background



This preview shows how black text looks on a background with the Hex color 762CDB.



This preview shows how white text looks on a background with the Hex color 762CDB.

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
762CDB

Protanopia
0059BC

Deuteranopia
005FA2



Tritanopia
585D64

Trichromacy



Original Color
762CDB



Protanomaly
2B49C7



Deuteranomaly
2B4CB7



Tritanomaly
634B8F

Monochromacy



Original Color
762CDB



Achromatopsia
565656



Achromatomaly
624786

CSS Examples

Text

The CSS property to change the color of the text to Hex 762CDB 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 #762CDB looks like.

```
.text, #text, p{  
    color:#762CDB  
}
```

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 #762CDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #762CDB
}
```

Border

The CSS property to change the border of an element to Hex 762CDB 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
#762CDB }
```

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

```
.border{ border-color:#762CDB }
```

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

Here you see how a box with a 4 pixel #762CDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #762CDB; -webkit-box-shadow:4px 4px  
4px 4px #762CDB; box-shadow:4px 4px 4px  
4px #762CDB }
```

Background

The CSS property to change the background color of an element to Hex 762CDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#762CDB }
```

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

```
.background{ background-color:#762CDB }
```

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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