

Converting Colors

Hex(762BC1)

Have a look what the booklet for
Hex(762BC1) contains.

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Color

Hex(762BC1)

Conversions

Conversions Part 1

Format	Color
Hex	762BC1
RGB	118, 43, 193
RGB Percent	46%, 17%, 76%
CMY	0.5373, 0.8314, 0.2431
CMYK	0.39, 0.78, 0.00, 0.24
HSL	270°, 64%, 46%
HSV	270°, 78%, 76%
XYZ	17.9607, 9.4296, 51.3255
YIQ	82.5250, -3.4500, 62.5500

Conversions

Conversions Part 2

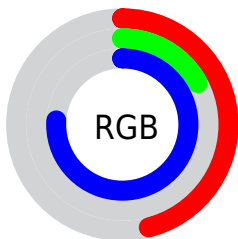
Format	Color
RYB	118, 43, 193
Decimal	7744449
CIELab	36.80, 59.34, -64.62
CIElCh	37, 87.734, 312.562
Yxy	9.4296, 0.2282, 0.1198
Android (android.graphics.Color)	4285934529 (0xFF762BC1)
YUV	82.5250, 54.4642, 31.1116
Hunter-Lab	30.7076, 50.6655, -77.6037

Details

The Hex color **762BC1** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **76C12B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B061FB**, and **3B008A** is the 20% darker color. If you saturate the color by 10%, you get **6C18C1**, and if you desaturate by 10%, it is **803EC1**.

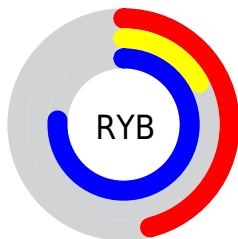
Distribution



Red (46%)

Green (17%)

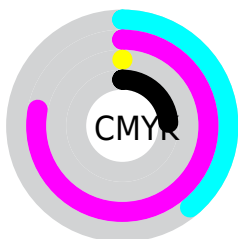
Blue (76%)



Red (46%)

Yellow (17%)

Blue (76%)

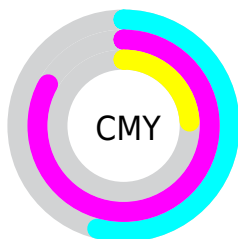


Cyan (39%)

Magenta (78%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (83%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 762BC1 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 762BC1 by changing the saturation by 10% instead.

762BC1

762BC1

FFFFFF

5908A5

B061FB

3B008A

CD7CFF

170070

EB97FF

000057

FFB3FF

00043E

FFCFFF

000327

FFECFF

000111

000000

762BC1

762BC1

■ 6C18C1

■ 803EC1

■ 6304C1

■ 8952C1

■ 6100C1

■ 9365C1

■ 9D78C1

■ A68CC1

■ B09FC1

■ BAB2C1

■ C3C5C1

■ CDD9C1

Harmonies

Analogous

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



0058E5



762BC1



BA0083

Triad

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



762BC1



8B4300



007074

Complementary

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



762BC1



76C12B

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.



006E28



762BC1



4F5D00

Square

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



762BC1



B60000



006900



0071B7

Rectangle

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



762BC1



C90054



006900



00705B

Sweetspot

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



762BC1



DDC0FA



2B76C1



6B5A7D



FCFCFC



7D7D7D

Same Dimension

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



762BC1



8611FA



C12BC1



5C5761



5000A1



110021

Inverse Universe

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



C12B76



FA1186



2BC12B



61575C



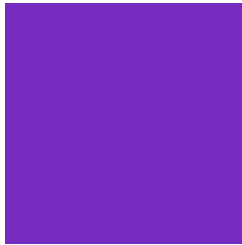
A10050



210011

Previews

White Background



This preview shows how the Hex color 762BC1 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

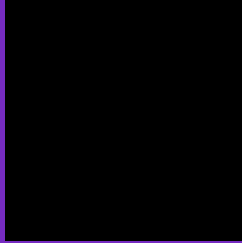
Any Text WCAG AA × Fail

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 762BC1 Background



This preview shows how black text looks on a background with the Hex color 762BC1.

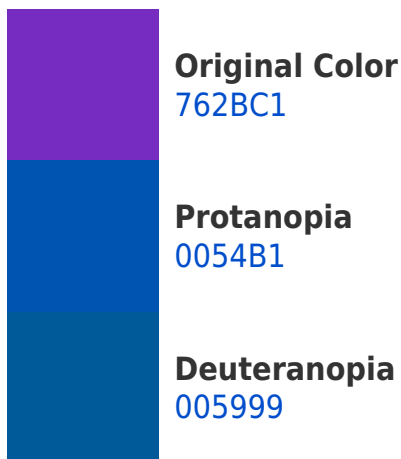



This preview shows how white text looks on a background with the Hex color 762BC1.

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
60535A

Trichromacy



Original Color
762BC1



Protanomaly
2B45B7



Deuteranomaly
2B48A8



Tritanomaly
68447F

Monochromacy



Original Color
762BC1



Achromatopsia
535353



Achromatomaly
60447B

CSS Examples

Text

The CSS property to change the color of the text to Hex 762BC1 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 #762BC1 looks like.

```
.text, #text, p{  
    color:#762BC1  
}
```

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 #762BC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #762BC1  
}
```

Border

The CSS property to change the border of an element to Hex 762BC1 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  
#762BC1 }
```

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

```
.border{ border-color:#762BC1 }
```

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

Here you see how a box with a 4 pixel #762BC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #762BC1; -webkit-box-shadow:4px 4px  
4px 4px #762BC1; box-shadow:4px 4px 4px  
4px #762BC1 }
```

Background

The CSS property to change the background color of an element to Hex 762BC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#762BC1 }
```

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

```
.background{ background-color:#762BC1 }
```

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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