

Converting Colors

Hex(782BD1)

Have a look what the booklet for
Hex(782BD1) contains.

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Color

Hex(782BD1)

Conversions

Conversions Part 1

Format	Color
Hex	782BD1
RGB	120, 43, 209
RGB Percent	47%, 17%, 82%
CMY	0.5294, 0.8314, 0.1804
CMYK	0.43, 0.79, 0.00, 0.18
HSL	268°, 66%, 49%
HSV	268°, 79%, 82%
XYZ	20.1182, 10.3243, 61.2540
YIQ	84.9470, -7.3940, 67.9500

Conversions

Conversions Part 2

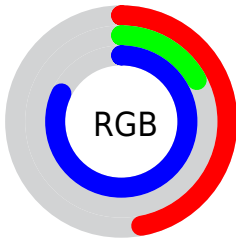
Format	Color
R_{YB}	120, 43, 209
Decimal	7875537
CIE _{Lab}	38.42, 63.42, -71.28
CIE _{LCh}	38, 95.407, 311.660
Yxy	10.3243, 0.2194, 0.1126
Android (android.graphics.Color)	4286065617 (0xFF782BD1)
YUV	84.9470, 61.1581, 30.7415
Hunter-Lab	32.1314, 55.5331, -90.5361

Details

The Hex color **782BD1** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **84D12B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **B362FF**, and **3A0099** is the 20% darker color. If you saturate the color by 10%, you get **6D16D1**, and if you desaturate by 10%, it is **8340D1**.

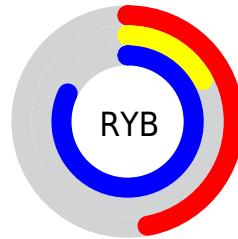
Distribution



Red (47%)

Green (17%)

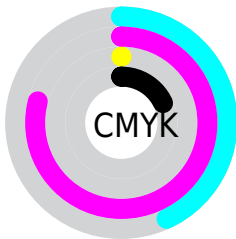
Blue (82%)



Red (47%)

Yellow (17%)

Blue (82%)

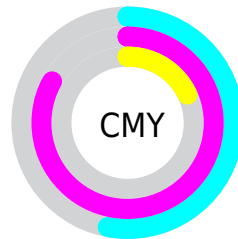


Cyan (43%)

Magenta (79%)

Yellow (0%)

Black (18%)



Cyan (53%)

Magenta (83%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 782BD1 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 782BD1 by changing the saturation by 10% instead.

 782BD1

 782BD1

FFFFFF

 5A05B5

 B362FF

 3A0099

 D17DFF

 10007E

 EF99FF

 000064

 FFB5FF

 00004B

 FFD1FF

 000433

 FFEEFF

 00021D

 000000

 782BD1

 782BD1

■ 6D16D1

■ 8340D1

■ 6201D1

■ 8E55D1

■ 6100D1

■ 9A6AD1

■ A57FD1

■ B094D1

■ BBA8D1

■ C6BDD1

■ D2D2D1

■ DDE7D1

Harmonies

Analogous

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



005DF7



782BD1



C5008D

Triad

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



782BD1



944400



007678

Complementary

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



782BD1



84D12B

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.



007424



782BD1



536100

Square

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



782BD1



C30000



006E00



0077C2

Rectangle

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



782BD1



D6005A



006E00



00755D

Sweetspot

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



782BD1



DEC2FF



2B86D1



6C5B80



000000



808080

Same Dimension

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



782BD1



7D0DFF



C92BD1



635E69



4E00A8



130029

Inverse Universe

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



D12B84



FF0D8F



33D12B



695E64



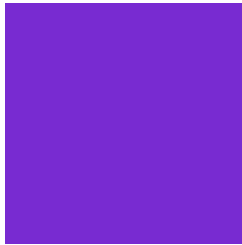
A8005A



290016

Previews

White Background



This preview shows how the Hex color 782BD1 looks on a white background.

Color Contrast Check

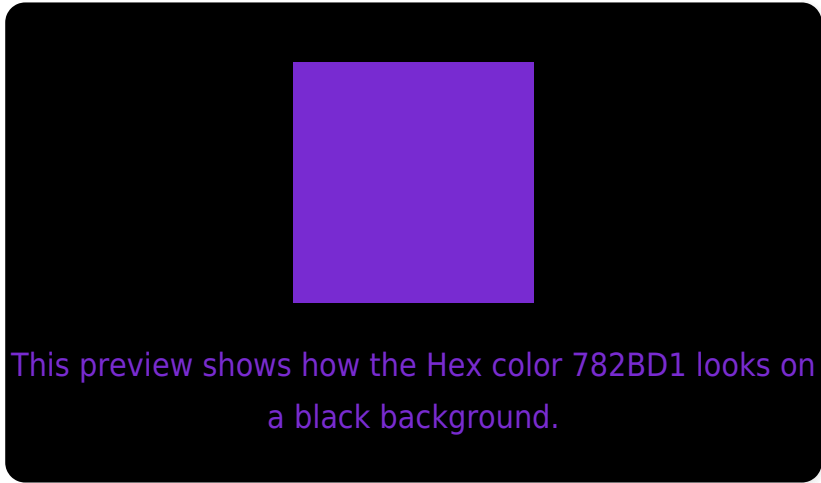
Large Text (above 18pt) WCAG AA ✓ Pass

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

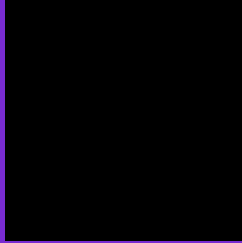
Any Text WCAG AA × Fail

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 782BD1 Background



This preview shows how black text looks on a background with the Hex color 782BD1.

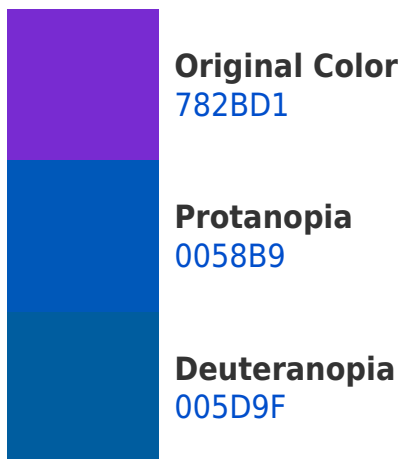


This preview shows how white text looks on a background with the Hex color 782BD1.

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](#).

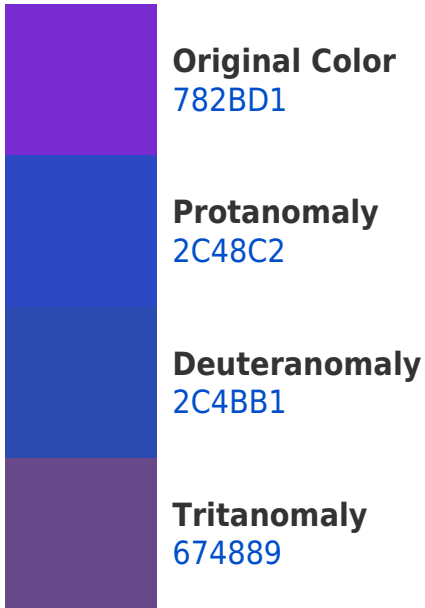
Dichromacy



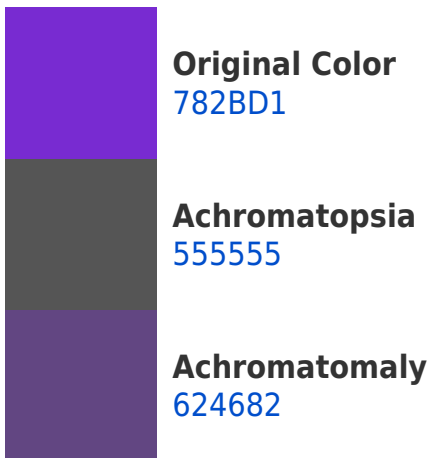


Tritanopia
5E5960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 782BD1 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 #782BD1 looks like.

```
.text, #text, p{  
    color:#782BD1  
}
```

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 #782BD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782BD1
}
```

Border

The CSS property to change the border of an element to Hex 782BD1 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
#782BD1 }
```

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

```
.border{ border-color:#782BD1 }
```

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

Here you see how a box with a 4 pixel #782BD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782BD1; -webkit-box-shadow:4px 4px  
4px 4px #782BD1; box-shadow:4px 4px 4px  
4px #782BD1 }
```

Background

The CSS property to change the background color of an element to Hex 782BD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782BD1 }
```

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

```
.background{ background-color:#782BD1 }
```

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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