

Converting Colors

Hex(752BDD)

Have a look what the booklet for
Hex(752BDD) contains.

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Color

Hex(752BDD)

Conversions

Conversions Part 1

Format	Color
Hex	752BDD
RGB	117, 43, 221
RGB Percent	46%, 17%, 87%
CMY	0.5412, 0.8314, 0.1333
CMYK	0.47, 0.81, 0.00, 0.13
HSL	265°, 72%, 52%
HSV	265°, 81%, 87%
XYZ	21.2511, 10.7301, 69.3577
YIQ	85.4180, -13.0340, 71.0460

Conversions

Conversions Part 2

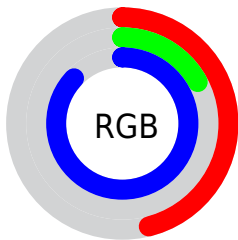
Format	Color
R_{YB}	117, 43, 221
Decimal	7678941
CIE Lab	39.12, 65.88, -77.05
CIE LCh	39, 101.369, 310.531
Yxy	10.7301, 0.2097, 0.1059
Android (android.graphics.Color)	4285869021 (0xFF752BDD)
YUV	85.4180, 66.8419, 27.6974
Hunter-Lab	32.7569, 58.4781, -102.6078

Details

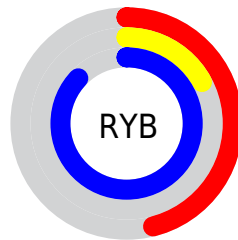
The Hex color **752BDD** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **93DD2B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B162FF**, and **3300A4** is the 20% darker color. If you saturate the color by 10%, you get **6815DD**, and if you desaturate by 10%, it is **8241DD**.

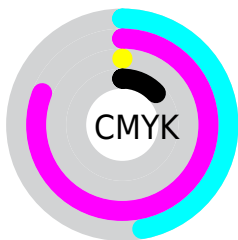
Distribution



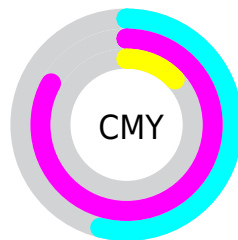
- Red (46%)
- Green (17%)
- Blue (87%)



- Red (46%)
- Yellow (17%)
- Blue (87%)



- Cyan (47%)
- Magenta (81%)
- Yellow (0%)
- Black (13%)



- Cyan (54%)
- Magenta (83%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 752BDD 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 752BDD by changing the saturation by 10% instead.

 752BDD

 752BDD

FFFFFF

 5604C0

 B162FF

 3300A4

 D07EFF

 000089

 EE99FF

 00006F

 FFB5FF


 000055


 FFD2FF

 00063D

 FFEFFF

 000326

 00010F

 000000

 752BDD

 752BDD

 6815DD

 8241DD

 5C00DD

 8F57DD

 9C6DDD

 A983DD

 B69ADD

 C2B0DD

 CFC6DD

 DCDCDD

 E9F2DD

Harmonies

Analogous

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



0061FF



752BDD



CC0095

Triad

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



752BDD



9B4200



007979

Complementary

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



752BDD



93DD2B

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.



00761D



752BDD



566300

Square

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



752BDD



CC0000



007100



007AC8

Rectangle

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



752BDD



DF005F



007100



00785C

Sweetspot

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



752BDD



DBC2FF



2B96DD



6A5B80



000000



808080

Same Dimension

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



752BDD



6E08FF



CB2BDD



67636E



4800AD



13002E

Inverse Universe

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



DD2B93



FF0898



3DDD2B



6E6369



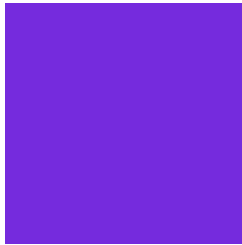
AD0065



2E001B

Previews

White Background



This preview shows how the Hex color 752BDD 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

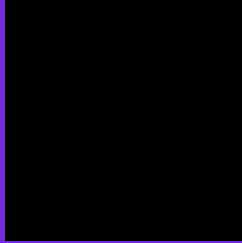
Any Text WCAG AA × Fail

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 752BDD Background



This preview shows how black text looks on a background with the Hex color 752BDD.

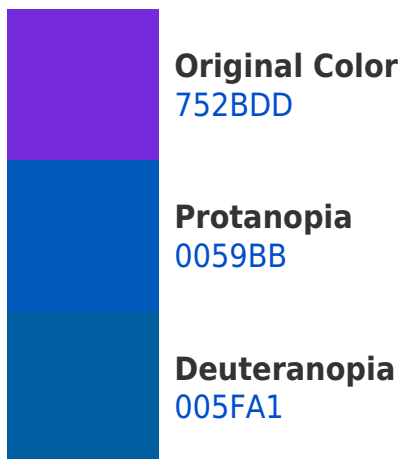



This preview shows how white text looks on a background with the Hex color 752BDD.

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](#).

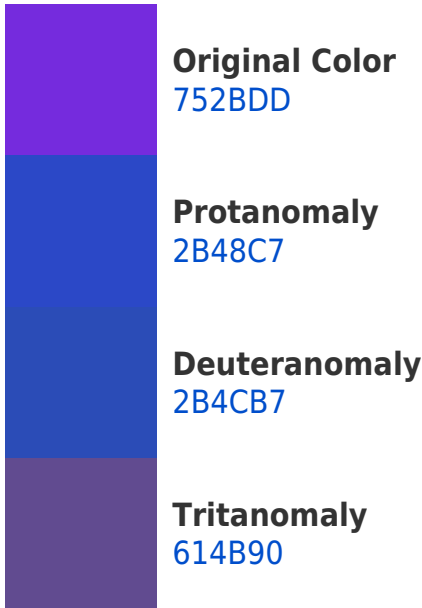
Dichromacy



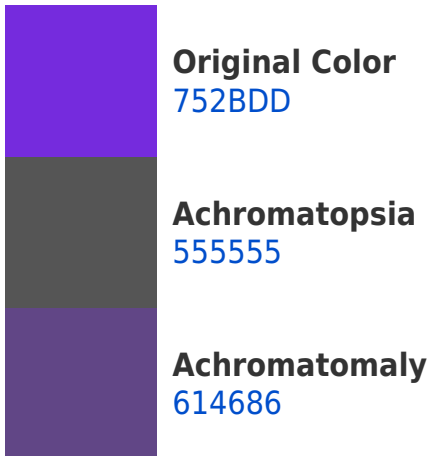


Tritanopia
565D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 752BDD 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 #752BDD looks like.

```
.text, #text, p{  
    color:#752BDD  
}
```

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 #752BDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752BDD
}
```

Border

The CSS property to change the border of an element to Hex 752BDD 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
#752BDD }
```

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

```
.border{ border-color:#752BDD }
```

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

Here you see how a box with a 4 pixel #752BDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752BDD; -webkit-box-shadow:4px 4px  
4px 4px #752BDD; box-shadow:4px 4px 4px  
4px #752BDD }
```

Background

The CSS property to change the background color of an element to Hex 752BDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752BDD }
```

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

```
.background{ background-color:#752BDD }
```

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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