

Converting Colors

Hex(A75BD2)

Have a look what the booklet for
Hex(A75BD2) contains.

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Color

Hex(A75BD2)

Conversions

Conversions Part 1

Format	Color
Hex	A75BD2
RGB	167, 91, 210
RGB Percent	65%, 36%, 82%
CMY	0.3451, 0.6431, 0.1765
CMYK	0.20, 0.57, 0.00, 0.18
HSL	278°, 57%, 59%
HSV	278°, 57%, 82%
XYZ	31.3103, 20.3508, 63.2506
YIQ	127.2900, 7.0970, 53.1210

Conversions

Conversions Part 2

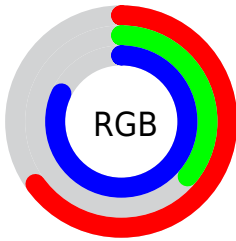
Format	Color
RYB	167, 91, 210
Decimal	10968018
CIELab	52.23, 51.22, -49.24
CIELCh	52, 71.045, 316.129
Yxy	20.3508, 0.2725, 0.1771
Android (android.graphics.Color)	4289158098 (0xFFA75BD2)
YUV	127.2900, 40.7760, 34.8257
Hunter-Lab	45.1119, 44.9438, -51.5513

Details

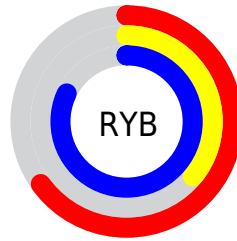
The Hex color **A75BD2** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **86D25B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **E190FF**, and **70269B** is the 20% darker color. If you saturate the color by 10%, you get **9F46D2**, and if you desaturate by 10%, it is **AF70D2**.

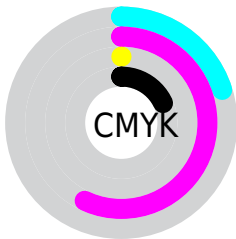
Distribution



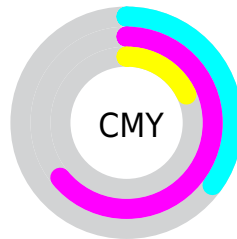
- Red (65%)
- Green (36%)
- Blue (82%)



- Red (65%)
- Yellow (36%)
- Blue (82%)



- Cyan (20%)
- Magenta (57%)
- Yellow (0%)
- Black (18%)



- Cyan (35%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A75BD2 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 A75BD2 by changing the saturation by 10% instead.

 A75BD2

 A75BD2

FFFFFF

 8B41B6

 E190FF

 70269B

 FEACFF

 540580

 FFC8FF

 390067

 FFE4FF

 20004E

 000036

 000220

 000003

 000000

 A75BD2

 A75BD2

 9F46D2

 AF70D2

 9831D2

 B685D2

 901CD2

 BE9AD2

 8907D2

 C5AFD2

 8600D2

 CDC4D2

 D5D9D2

 DCEED2

 E4FFD2

 EBFFD2

Harmonies

Analogous

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



1E79F3



A75BD2



DA3A9C

Triad

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



A75BD2



AE7000



00979D

Complementary

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



A75BD2



86D25B

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.



00965D



A75BD2



788400

Square

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



A75BD2



D55224



25901A



0095D4

Rectangle

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



A75BD2



E63273



25901A



009788

Sweetspot

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



A75BD2



EFD4FF



5B87D2



766680



000000



808080

Same Dimension

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



A75BD2



C052FF



D25BC2



655E69



6B00A8



1A0029

Inverse Universe

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



D25B86



FF5290



5BD26B



695E62



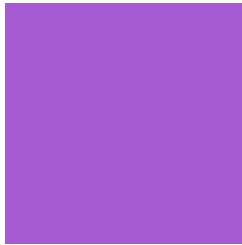
A8003D



29000F

Previews

White Background



This preview shows how the Hex color A75BD2 looks on a white background.

Color Contrast Check

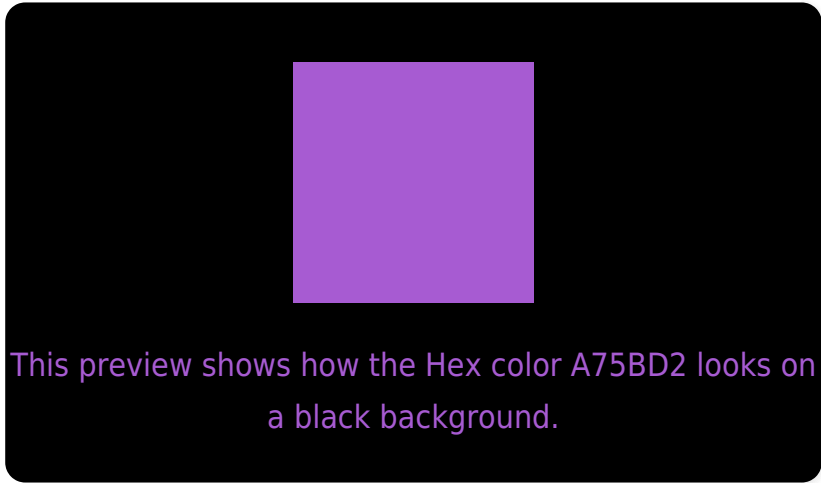
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

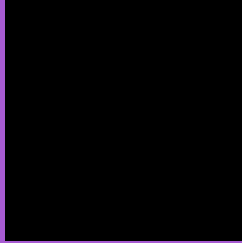
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A75BD2 Background



This preview shows how black text looks on a background with the Hex color A75BD2.

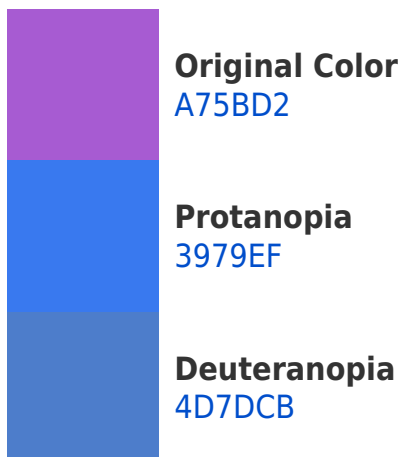


This preview shows how white text looks on a background with the Hex color A75BD2.

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](#).

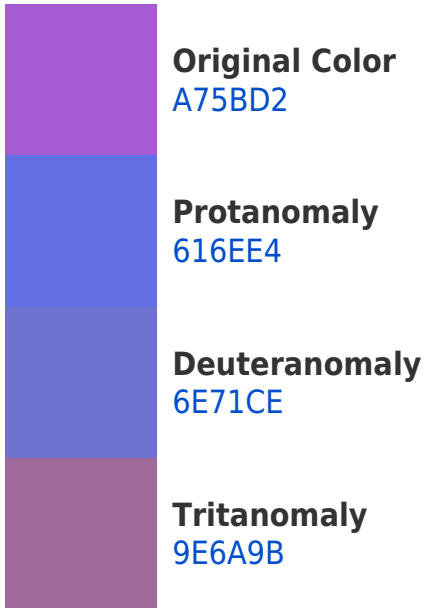
Dichromacy



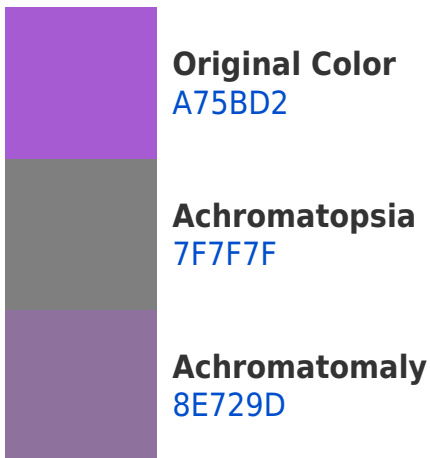


Tritanopia
99727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A75BD2 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 #A75BD2 looks like.

```
.text, #text, p{  
    color:#A75BD2  
}
```

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 #A75BD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A75BD2
}
```

Border

The CSS property to change the border of an element to Hex A75BD2 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
#A75BD2 }
```

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

```
.border{ border-color:#A75BD2 }
```

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

Here you see how a box with a 4 pixel #A75BD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A75BD2; -webkit-box-shadow:4px 4px  
4px 4px #A75BD2; box-shadow:4px 4px 4px  
4px #A75BD2 }
```

Background

The CSS property to change the background color of an element to Hex A75BD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A75BD2 }
```

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

```
.background{ background-color:#A75BD2 }
```

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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