

Converting Colors

Hex(A75CE7)

Have a look what the booklet for
Hex(A75CE7) contains.

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Color

Hex(A75CE7)

Conversions

Conversions Part 1

Format	Color
Hex	A75CE7
RGB	167, 92, 231
RGB Percent	65%, 36%, 91%
CMY	0.3451, 0.6392, 0.0941
CMYK	0.28, 0.60, 0.00, 0.09
HSL	272°, 74%, 63%
HSV	272°, 60%, 91%
XYZ	34.1873, 21.6393, 77.9762
YIQ	130.2710, 0.0810, 59.1290

Conversions

Conversions Part 2

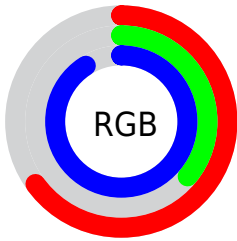
Format	Color
RYB	167, 92, 231
Decimal	10968295
CIELab	53.64, 55.40, -58.86
CIELCh	54, 80.837, 313.266
Yxy	21.6393, 0.2555, 0.1617
Android (android.graphics.Color)	4289158375 (0xFFA75CE7)
YUV	130.2710, 49.6594, 32.2113
Hunter-Lab	46.5181, 49.7775, -66.8226

Details

The Hex color **A75CE7** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **9CE75C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E191FF**, and **6E27AE** is the 20% darker color. If you saturate the color by 10%, you get **9C45E7**, and if you desaturate by 10%, it is **B273E7**.

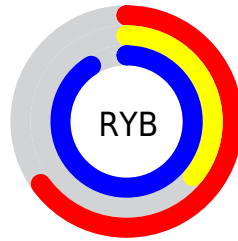
Distribution



Red (65%)

Green (36%)

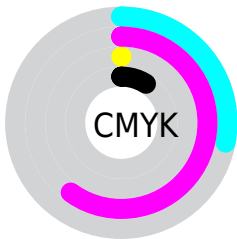
Blue (91%)



Red (65%)

Yellow (36%)

Blue (91%)

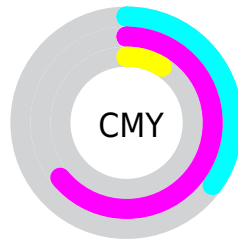


Cyan (28%)

Magenta (60%)

Yellow (0%)

Black (9%)



Cyan (35%)

Magenta (64%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A75CE7 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 A75CE7 by changing the saturation by 10% instead.

 A75CE7

 A75CE7

FFFFFF

 8A42CA

 E191FF

 6E27AE

 FFADFF

 520493


 FFC9FF

 350079

 FFE6FF

 15005F

 000047

 00042F

 000119

 000000

 A75CE7

 A75CE7

 9C45E7

 B273E7

 922EE7

 BC8AE7

 8717E7

 C7A1E7

 7D00E7

 D2B8E7

 DCD0E7

 E7E7E7

 F1FEE7

 FCFFE7

 FFFFE7

Harmonies

Analogous

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



007FFF



A75CE7



E62DAA

Triad

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



A75CE7



BB6E00



009E9E

Complementary

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



A75CE7



9CE75C

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.



009B55



A75CE7



7F8700

Square

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



A75CE7



E64920



1E9500



009CDF

Rectangle

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



A75CE7



F6157C



1E9500



009D86

Sweetspot

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



A75CE7



EAD1FF



5C9DE7



736380



000000



808080

Same Dimension

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



A75CE7



AA47FF



E75CE2



6D6773



6000B3



1C0033

Inverse Universe

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



E75C9C



FF479C



5CE761



73676D



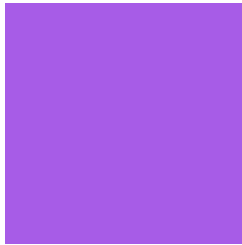
B30052



330017

Previews

White Background



This preview shows how the Hex color A75CE7 looks on a white background.

Color Contrast Check

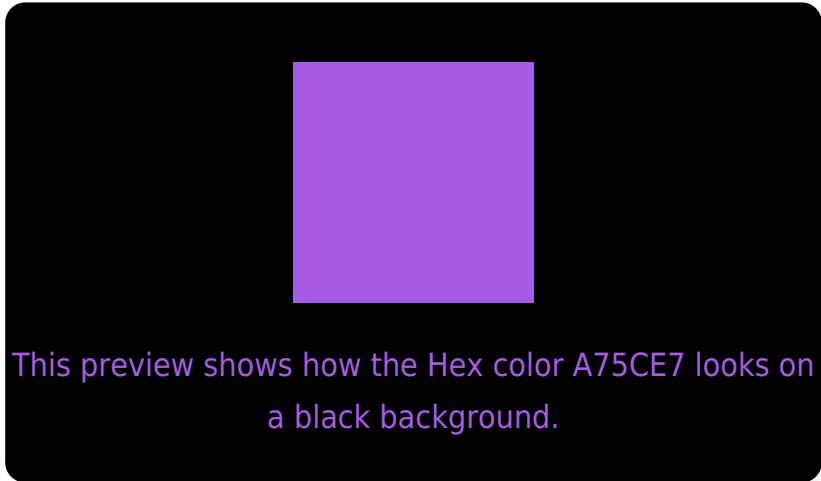
Large Text (above 18pt) WCAG AA ✓ Pass

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

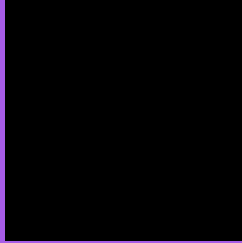
Any Text WCAG AA ✓ Pass

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 A75CE7 Background



This preview shows how black text looks on a background with the Hex color A75CE7.

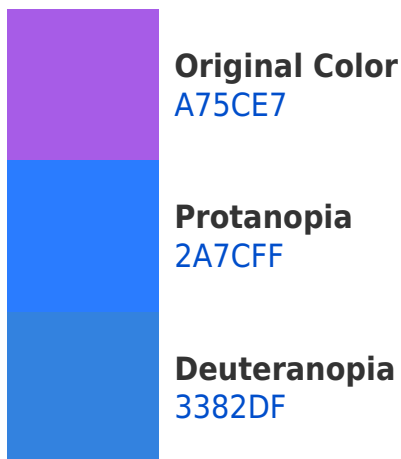


This preview shows how white text looks on a background with the Hex color A75CE7.

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](#).

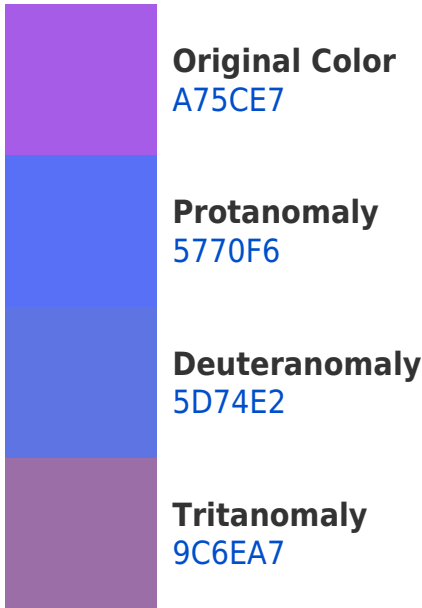
Dichromacy



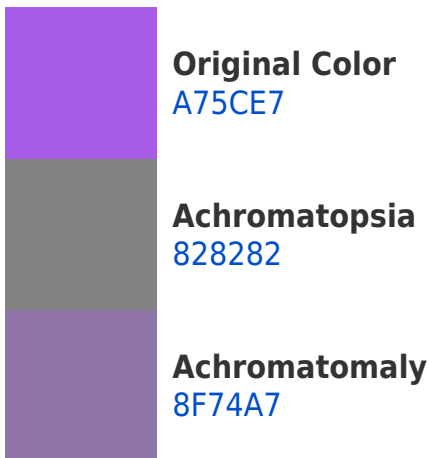


Tritanopia
957882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A75CE7 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 #A75CE7 looks like.

```
.text, #text, p{  
    color:#A75CE7  
}
```

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 #A75CE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A75CE7
}
```

Border

The CSS property to change the border of an element to Hex A75CE7 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
#A75CE7 }
```

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

```
.border{ border-color:#A75CE7 }
```

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

Here you see how a box with a 4 pixel #A75CE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A75CE7; -webkit-box-shadow:4px 4px  
4px 4px #A75CE7; box-shadow:4px 4px 4px  
4px #A75CE7 }
```

Background

The CSS property to change the background color of an element to Hex A75CE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A75CE7 }
```

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

```
.background{ background-color:#A75CE7 }
```

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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