

Converting Colors

Hex(A75CD6)

Have a look what the booklet for
Hex(A75CD6) contains.

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Color

Hex(A75CD6)

Conversions

Conversions Part 1

Format	Color
Hex	A75CD6
RGB	167, 92, 214
RGB Percent	65%, 36%, 84%
CMY	0.3451, 0.6392, 0.1608
CMYK	0.22, 0.57, 0.00, 0.16
HSL	277°, 60%, 60%
HSV	277°, 57%, 84%
XYZ	31.9011, 20.7248, 65.9372
YIQ	128.3330, 5.5380, 53.8420

Conversions

Conversions Part 2

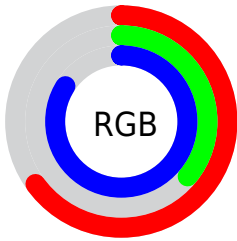
Format	Color
RYB	167, 92, 214
Decimal	10968278
CIELab	52.65, 51.58, -50.85
CIELCh	53, 72.435, 315.410
Yxy	20.7248, 0.2691, 0.1748
Android (android.graphics.Color)	4289158358 (0xFFA75CD6)
YUV	128.3330, 42.2338, 33.9110
Hunter-Lab	45.5245, 45.4151, -54.0079

Details

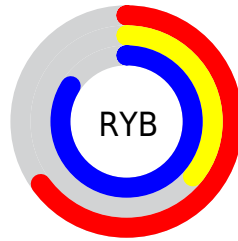
The Hex color **A75CD6** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **8BD65C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E191FF**, and **6F289E** is the 20% darker color. If you saturate the color by 10%, you get **9F47D6**, and if you desaturate by 10%, it is **AF71D6**.

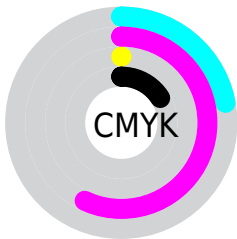
Distribution



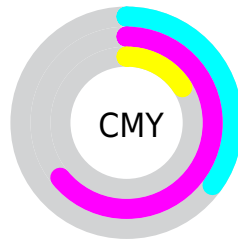
- Red (65%)
- Green (36%)
- Blue (84%)



- Red (65%)
- Yellow (36%)
- Blue (84%)



- Cyan (22%)
- Magenta (57%)
- Yellow (0%)
- Black (16%)



- Cyan (35%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color A75CD6 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 A75CD6 by changing the saturation by 10% instead.

 A75CD6

 A75CD6

FFFFFF

 8B42BA

 E191FF

 6F289E

 FEADFF

 540784

 FFC9FF

 39006A

 FFE5FF

 1E0051

 000039

 000223

 000009

 000000

 A75CD6

 A75CD6

 9F47D6

 AF71D6

 9731D6

 B787D6

 8E1CD6

 C09CD6

 8606D6

 C8B2D6

 8400D6

 D0C7D6

 D8DCD6

 E1F2D6

 E9FFD6

 F1FFD6

Harmonies

Analogous

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



017AF7



A75CD6



DC3A9F

Triad

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



A75CD6



B17000



00999D

Complementary

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



A75CD6



8BD65C

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.



00975C



A75CD6



7A8500

Square

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



A75CD6



D85125



279116



0097D6

Rectangle

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



A75CD6



E93075



279116



009988

Sweetspot

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



A75CD6



EED4FF



5C8DD6



766680



000000



808080

Same Dimension

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



A75CD6



BC52FF



D65CCA



67606B



6900AB



1B002B

Inverse Universe

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



D65C8B



FF5294



5CD668



6B6065



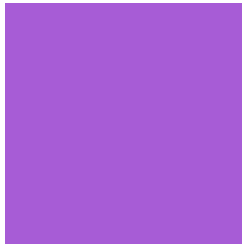
AB0042



2B0011

Previews

White Background



This preview shows how the Hex color A75CD6 looks on a white background.

Color Contrast Check

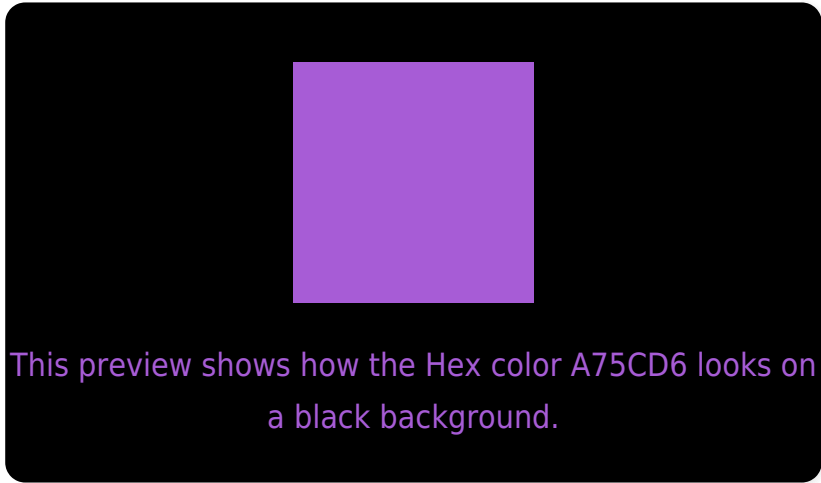
Large Text (above 18pt) WCAG AA ✓ Pass

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

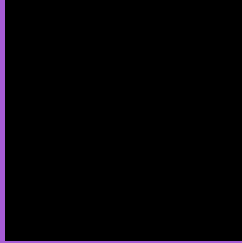
Any Text WCAG AA ✓ Pass

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 A75CD6 Background



This preview shows how black text looks on a background with the Hex color A75CD6.

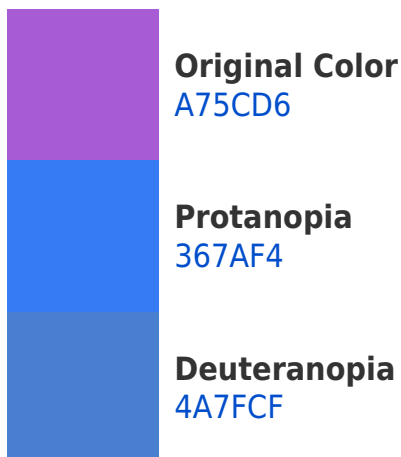


This preview shows how white text looks on a background with the Hex color A75CD6.

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](#).

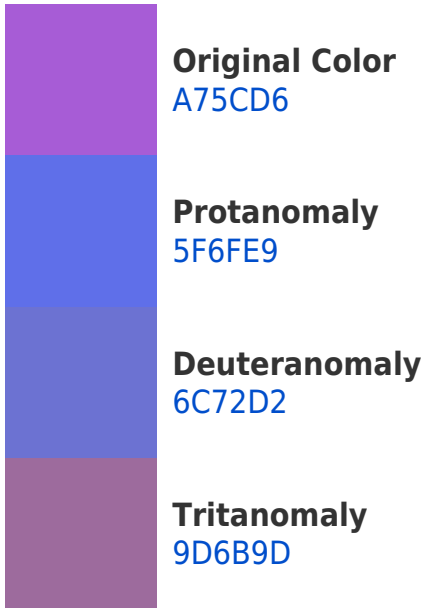
Dichromacy



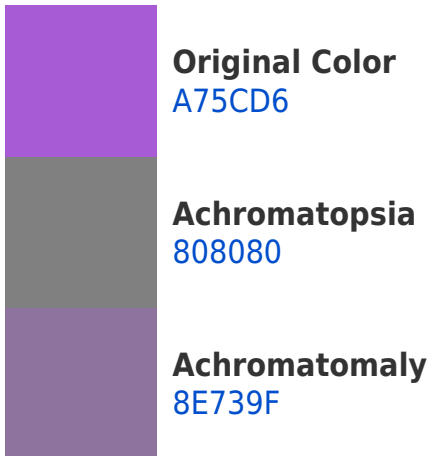


Tritanopia
98747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A75CD6 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 #A75CD6 looks like.

```
.text, #text, p{  
    color:#A75CD6  
}
```

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 #A75CD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A75CD6
}
```

Border

The CSS property to change the border of an element to Hex A75CD6 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
#A75CD6 }
```

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

```
.border{ border-color:#A75CD6 }
```

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

Here you see how a box with a 4 pixel #A75CD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A75CD6; -webkit-box-shadow:4px 4px  
4px 4px #A75CD6; box-shadow:4px 4px 4px  
4px #A75CD6 }
```

Background

The CSS property to change the background color of an element to Hex A75CD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A75CD6 }
```

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

```
.background{ background-color:#A75CD6 }
```

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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