

Converting Colors

Hex(AC75CD)

Have a look what the booklet for
Hex(AC75CD) contains.

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Color

Hex(AC75CD)

Conversions

Conversions Part 1

Format	Color
Hex	AC75CD
RGB	172, 117, 205
RGB Percent	67%, 46%, 80%
CMY	0.3255, 0.5412, 0.1961
CMYK	0.16, 0.43, 0.00, 0.20
HSL	278°, 47%, 63%
HSV	278°, 43%, 80%
XYZ	34.3940, 25.9010, 60.9442
YIQ	143.4770, 4.5320, 39.0280

Conversions

Conversions Part 2

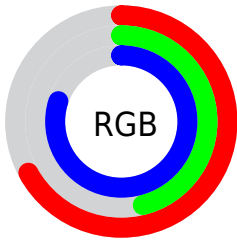
Format	Color
R _Y B	172, 117, 205
Decimal	11302349
CIE _{Lab}	57.94, 37.58, -37.34
CIE _{LCh}	58, 52.976, 315.188
Y _{xy}	25.9010, 0.2837, 0.2136
Android (android.graphics.Color)	4289492429 (0xFFAC75CD)
YUV	143.4770, 30.3308, 25.0147
Hunter-Lab	50.8930, 31.5692, -35.3744

Details

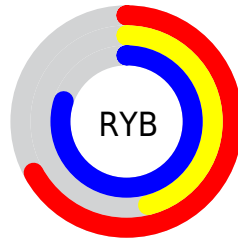
The Hex color **AC75CD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **96CD75**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E5A AFF**, and **764396** is the 20% darker color. If you saturate the color by 10%, you get **A461CD**, and if you desaturate by 10%, it is **B48ACD**.

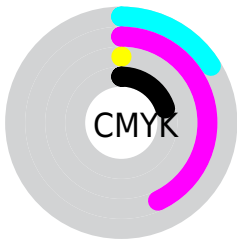
Distribution



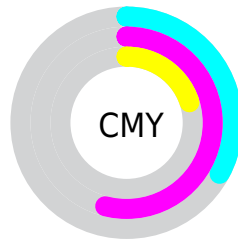
- Red (67%)
- Green (46%)
- Blue (80%)



- Red (67%)
- Yellow (46%)
- Blue (80%)



- Cyan (16%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC75CD 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 AC75CD by changing the saturation by 10% instead.

■ AC75CD

■ AC75CD

FFFFFF

■ 915CB1

■ E5AAFF

■ 764396

■ FFC6FF

■ 5C2B7C

■ FFE2FF

■ 421263

■ 29004A

■ 140033

■ 00021D

■ 000000

■ AC75CD

■ AC75CD

 A461CD

 B48ACD

 9D4CCD

 BB9ECD

 9537CD

 C3B3CD

 8D23CD

 CBC7CD

 860ECD

 D2DCCD

 8000CD

 DAF0CD

 E2FFCD

 EAFFCD

 F1FFCD

Harmonies

Analogous

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



6288E5



AC75CD



D464A4

Triad

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



AC75CD



B7812D



00A2A2

Complementary

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



AC75CD



96CD75

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.



00A072



AC75CD



8E902A

Square

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



AC75CD



D56E4B



599B46



009FCC

Rectangle

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



AC75CD



DF6185



599B46



00A292

Sweetspot

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



AC75CD



F3DEFF



7597CD



786B80



000000



808080

Same Dimension

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



AC75CD



CD7AFF



CD75C3



625C66



6800A6



180026

Inverse Universe

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



CD7596



FF7AAC



75CD7F



665C60



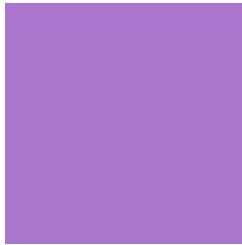
A6003E



26000E

Previews

White Background



This preview shows how the Hex color AC75CD looks on a white background.

Color Contrast Check

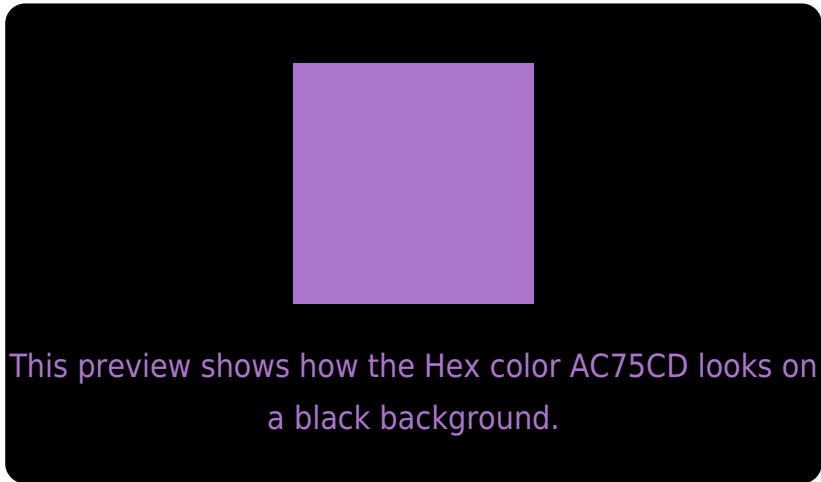
Large Text (above 18pt) WCAG AA ✓ Pass

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

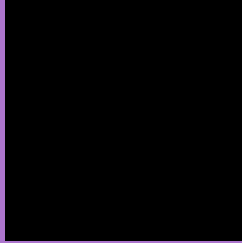
Any Text WCAG AA ✓ Pass

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 AC75CD Background



This preview shows how black text looks on a background with the Hex color AC75CD.

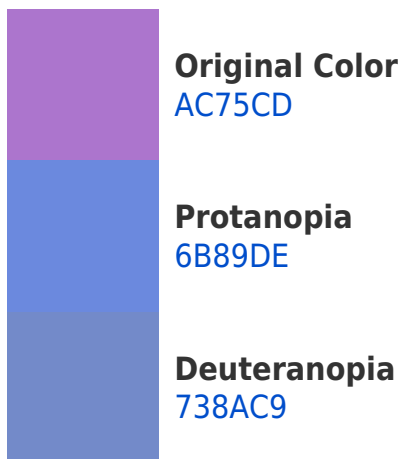



This preview shows how white text looks on a background with the Hex color AC75CD.

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](#).

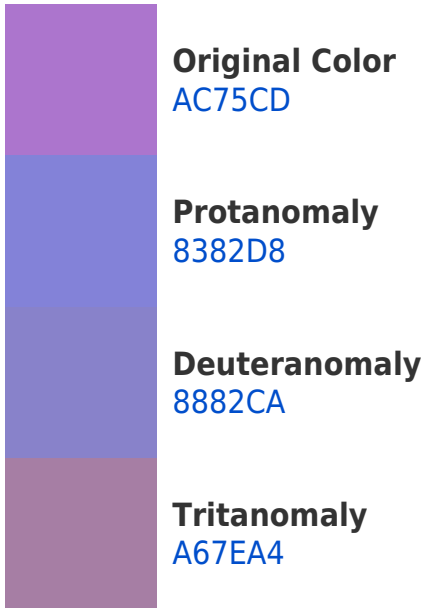
Dichromacy



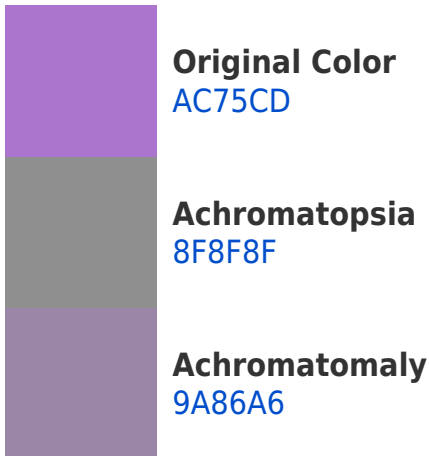


Tritanopia
A2838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC75CD 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 #AC75CD looks like.

```
.text, #text, p{  
    color:#AC75CD  
}
```

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 #AC75CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC75CD
}
```

Border

The CSS property to change the border of an element to Hex AC75CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

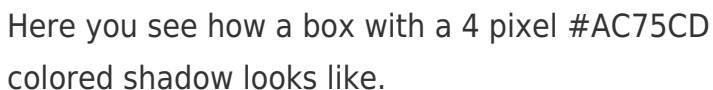
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC75CD }
```

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

```
.border{ border-color:#AC75CD }
```

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



Here you see how a box with a 4 pixel `#AC75CD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC75CD; -webkit-box-shadow:4px 4px  
4px 4px #AC75CD; box-shadow:4px 4px 4px  
4px #AC75CD }
```

Background

The CSS property to change the background color of an element to Hex AC75CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC75CD }
```

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

```
.background{ background-color:#AC75CD }
```

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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