

# Converting Colors

Hex(AC57D4)

Have a look what the booklet for  
Hex(AC57D4) contains.

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# Color

Hex(AC57D4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC57D4
RGB	172, 87, 212
RGB Percent	67%, 34%, 83%
CMY	0.3255, 0.6588, 0.1686
CMYK	0.19, 0.59, 0.00, 0.17
HSL	281°, 59%, 59%
HSV	281°, 59%, 83%
XYZ	32.3051, 20.3405, 64.5108
YIQ	126.6650, 10.5350, 56.8950

# Conversions

## Conversions Part 2

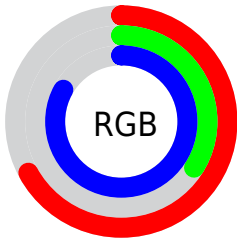
Format	Color
<a href="#">RYB</a>	<a href="#">172, 87, 212</a>
Decimal	<a href="#">11294676</a>
CIELab	<a href="#">52.22, 54.89, -50.36</a>
CIElCh	<a href="#">52, 74.487, 317.463</a>
Yxy	<a href="#">20.3405, 0.2757, 0.1736</a>
Android (android.graphics.Color)	<a href="#">4289484756 (0xFFAC57D4)</a>
YUV	<a href="#">126.6650, 42.0702, 39.7588</a>
Hunter-Lab	<a href="#">45.1005, 48.9324, -53.2369</a>

# Details

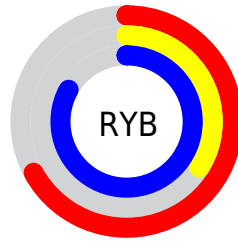
The Hex color **AC57D4** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **7FD457**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E68DFF**, and **74209D** is the 20% darker color. If you saturate the color by 10%, you get **A542D4**, and if you desaturate by 10%, it is **B36CD4**.

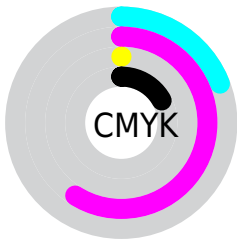
# Distribution



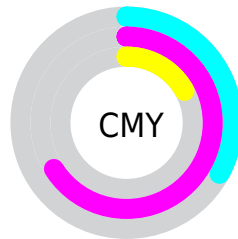
- Red (67%)
- Green (34%)
- Blue (83%)



- Red (67%)
- Yellow (34%)
- Blue (83%)



- Cyan (19%)
- Magenta (59%)
- Yellow (0%)
- Black (17%)



- Cyan (33%)
- Magenta (66%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC57D4 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 AC57D4 by changing the saturation by 10% instead.



AC57D4

AC57D4

FFFFFF

903CB8

E68DFF

74209D

FFA8FF

590082

FFC4FF

3E0068

FFE1FF

24004F

FFFEFF

000038

000221

000006

000000

■ AC57D4

■ AC57D4

■ A542D4

■ B36CD4

■ 9E2DD4

■ BA81D4

■ 9817D4

■ C097D4

■ 9102D4

■ C7ACD4

■ 9000D4

■ CEC1D4

■ D5D6D4

■ DBEBD4

■ E2FFD4

■ E9FFD4

# Harmonies

## Analogous

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



1D77F8



AC57D4



DF329A

# Triad

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



AC57D4



AD7000



0098A1

# Complementary

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



AC57D4



7FD457

# 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.



00975F



AC57D4



748500

# Square

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



AC57D4



D7511C



0C9116



0096DA

# Rectangle

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



AC57D4



EB2970



0C9116



00988B



# Sweetspot

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



AC57D4



F0D1FF



5781D4



776380



000000



808080



# Same Dimension

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



AC57D4



C54AFF



D457BF



68606B



7400AB



1D002B



# Inverse Universe

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



D4577F



FF4A84



57D46C



6B6064



AB0037



2B000E



# Previews

## White Background



This preview shows how the Hex color AC57D4 looks on a white background.

## Color Contrast Check

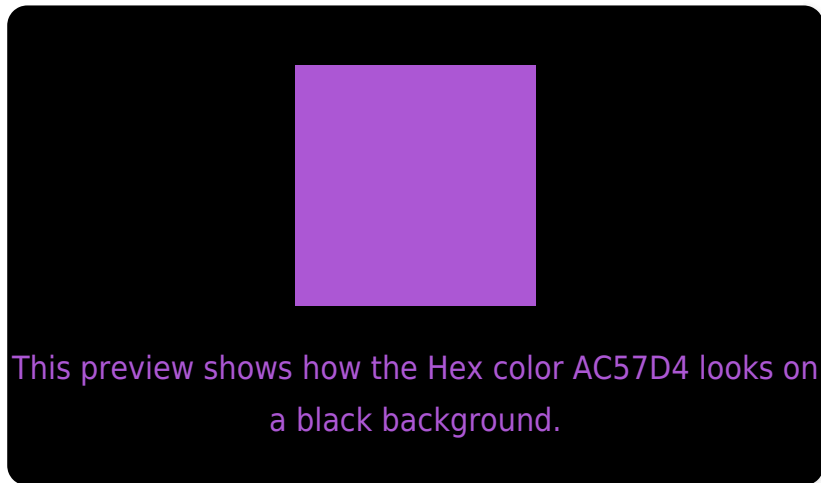
Large Text (above 18pt) WCAG AA ✓ Pass

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

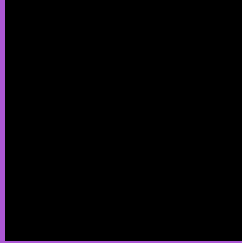
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC57D4 Background



This preview shows how black text looks on a background with the Hex color AC57D4.

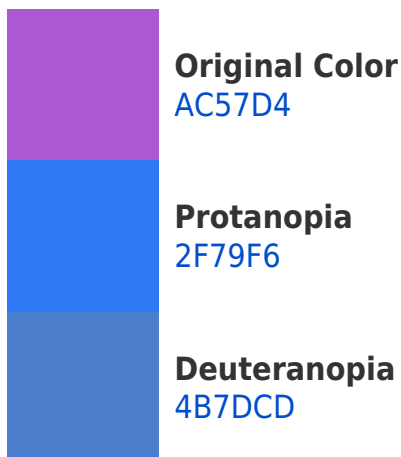


This preview shows how white text looks on a background with the Hex color AC57D4.

# 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](#).

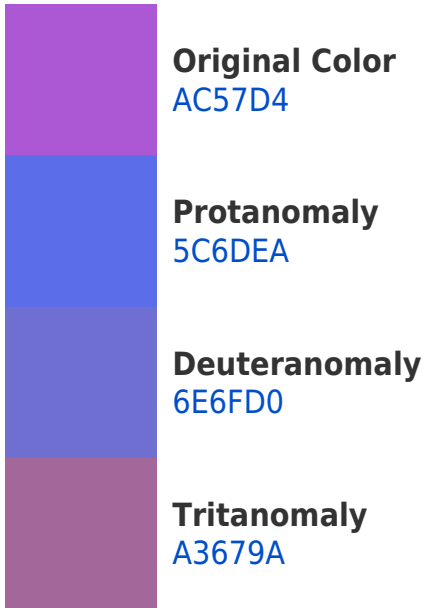
## Dichromacy



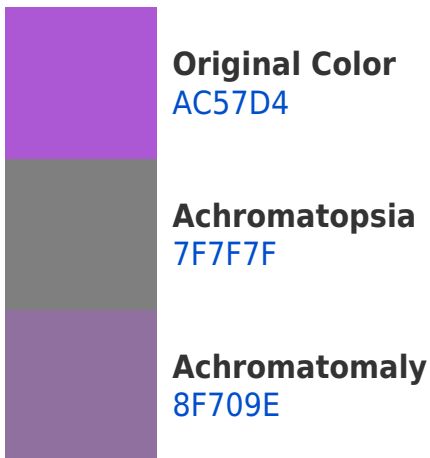


**Tritanopia**  
9E7079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC57D4 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 #AC57D4 looks like.

```
.text, #text, p{  
    color:#AC57D4  
}
```

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 #AC57D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC57D4
}
```

## Border

The CSS property to change the border of an element to Hex AC57D4 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
#AC57D4 }
```

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

```
.border{ border-color:#AC57D4 }
```

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

Here you see how a box with a 4 pixel #AC57D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC57D4; -webkit-box-shadow:4px 4px  
4px 4px #AC57D4; box-shadow:4px 4px 4px  
4px #AC57D4 }
```

# Background

The CSS property to change the background color of an element to Hex AC57D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC57D4 }
```

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

```
.background{ background-color:#AC57D4 }
```

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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