

# Converting Colors

Hex(A75DCF)

Have a look what the booklet for  
Hex(A75DCF) contains.

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# Color

Hex(A75DCF)

# Conversions

## Conversions Part 1

Format	Color
Hex	A75DCF
RGB	167, 93, 207
RGB Percent	65%, 36%, 81%
CMY	0.3451, 0.6353, 0.1882
CMYK	0.19, 0.55, 0.00, 0.19
HSL	279°, 54%, 59%
HSV	279°, 55%, 81%
XYZ	31.1132, 20.5492, 61.3580
YIQ	128.1220, 7.5100, 51.1420

# Conversions

## Conversions Part 2

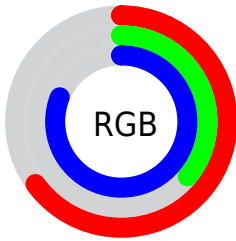
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	167, 93, 207
Decimal	10968527
CIE <sub>Lab</sub>	52.45, 49.54, -47.17
CIE <sub>LCh</sub>	52, 68.407, 316.400
Yxy	20.5492, 0.2753, 0.1818
Android (android.graphics.Color)	4289158607 (0xFFA75DCF)
YUV	128.1220, 38.8869, 34.0960
Hunter-Lab	45.3312, 43.1843, -48.5201

# Details

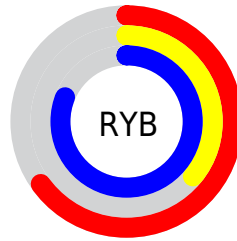
The Hex color **A75DCF** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **85CF5D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E092FF**, and **702998** is the 20% darker color. If you saturate the color by 10%, you get **A048CF**, and if you desaturate by 10%, it is **AE72CF**.

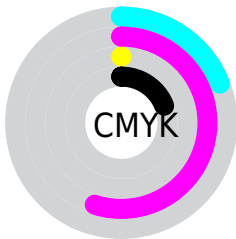
# Distribution



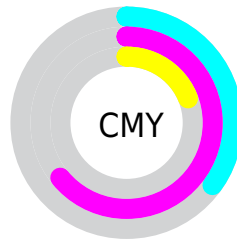
- Red (65%)
- Green (36%)
- Blue (81%)



- Red (65%)
- Yellow (36%)
- Blue (81%)



- Cyan (19%)
- Magenta (55%)
- Yellow (0%)
- Black (19%)



- Cyan (35%)
- Magenta (64%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A75DCF 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 A75DCF by changing the saturation by 10% instead.



 A75DCF

 A75DCF

FFFFFF

 8B43B3

 E092FF

 702998

 FEADFF

 550A7E

 FFCAFF

 3A0064

 FFE6FF

 21004B

 000034

 00021E

 000000

 A75DCF


 A75DCF

 A048CF

 AE72CF

 9834CF

 B686CF

 911FCF

 BD9BCF

 8A0ACF

 C4B0CF

 8600CF

 CBC5CF

 D3D9CF

 DAEECF

 E1FFCF

 E8FFCF

# Harmonies

## Analogous

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



3079EF



A75DCF



D8409A

# Triad

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



A75DCF



AD7100



00979D

# Complementary

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



A75DCF



85CF5D

# 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.



00965F



A75DCF



798400

# Square

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



A75DCF



D35628



2B9021



0095D2

# Rectangle

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



A75DCF



E33973



2B9021



009789



# Sweetspot

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



A75DCF



F0D4FF



5D87CF



776680



000000



808080



# Same Dimension

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



A75DCF



C457FF



CF5DC0



655E69



6D00A8



1A0029



# Inverse Universe

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



CF5D85



FF5792



5DCF6C



695E62



A8003B

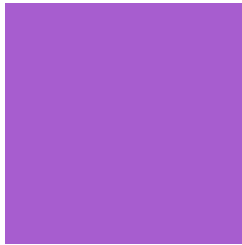


29000E



# Previews

## White Background



This preview shows how the Hex color A75DCF 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

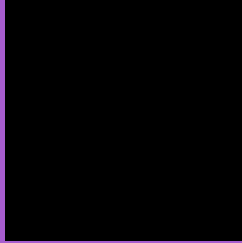
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A75DCF Background



This preview shows how black text looks on a background with the Hex color A75DCF.

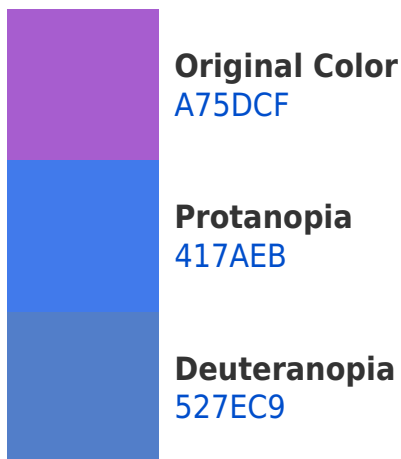


This preview shows how white text looks on a background with the Hex color A75DCF.

# 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](#).

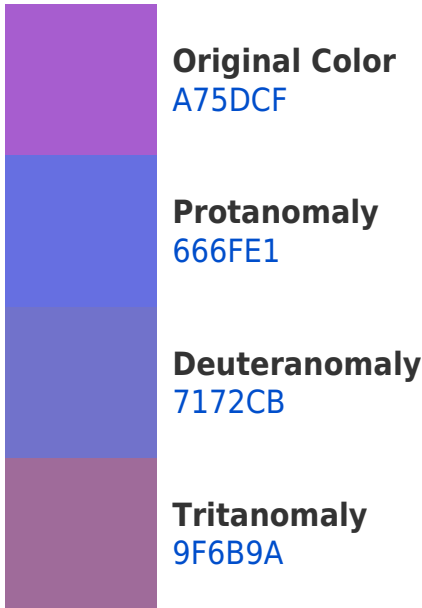
## Dichromacy



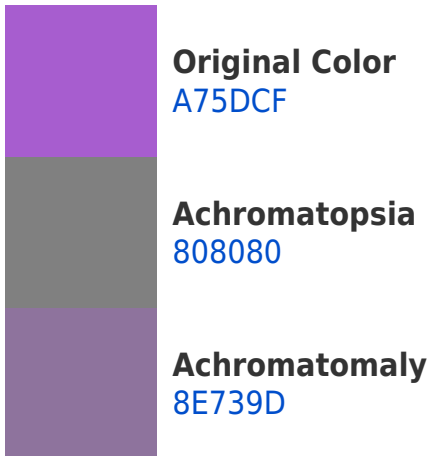


**Tritanopia**  
9A737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A75DCF 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 #A75DCF looks like.

```
.text, #text, p{  
    color:#A75DCF  
}
```

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 #A75DCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A75DCF
}
```

## Border

The CSS property to change the border of an element to Hex A75DCF 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
#A75DCF }
```

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

```
.border{ border-color:#A75DCF }
```

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

Here you see how a box with a 4 pixel #A75DCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A75DCF; -webkit-box-shadow:4px 4px  
4px 4px #A75DCF; box-shadow:4px 4px 4px  
4px #A75DCF }
```

# Background

The CSS property to change the background color of an element to Hex A75DCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A75DCF }
```

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

```
.background{ background-color:#A75DCF }
```

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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