

# Converting Colors

Hex(A75EBC)

Have a look what the booklet for  
Hex(A75EBC) contains.

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# Color

Hex(A75EBC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A75EBC
RGB	167, 94, 188
RGB Percent	65%, 37%, 74%
CMY	0.3451, 0.6314, 0.2627
CMYK	0.11, 0.50, 0.00, 0.26
HSL	287°, 41%, 55%
HSV	287°, 50%, 74%
XYZ	29.0162, 19.8517, 49.8794
YIQ	126.5430, 13.3340, 44.7100

# Conversions

## Conversions Part 2

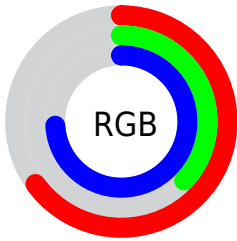
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 94, 188
Decimal	10968764
CIE <sub>Lab</sub>	51.67, 44.99, -37.51
CIE <sub>LCh</sub>	52, 58.574, 320.186
Yxy	19.8517, 0.2938, 0.2010
Android (android.graphics.Color)	4289158844 (0xFFA75EBC)
YUV	126.5430, 30.2983, 35.4808
Hunter-Lab	44.5553, 38.2745, -35.1861

# Details

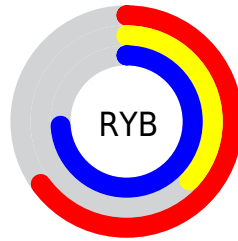
The Hex color **A75EBC** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **73BC5E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E093F5**, and **712B86** is the 20% darker color. If you saturate the color by 10%, you get **A34BBC**, and if you desaturate by 10%, it is **AB71BC**.

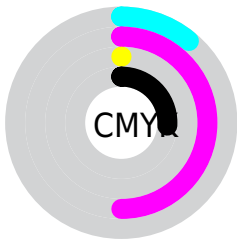
# Distribution



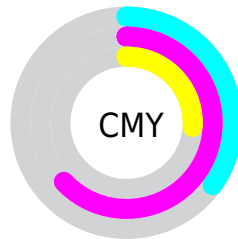
- Red (65%)
- Green (37%)
- Blue (74%)



- Red (65%)
- Yellow (37%)
- Blue (74%)



- Cyan (11%)
- Magenta (50%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (63%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A75EBC 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 A75EBC by changing the saturation by 10% instead.




 A75EBC

 A75EBC

FFFFFF

 8C44A1

 E093F5

 712B86

 FDAEFF

 560F6D

 FFCAFF

 3D0054

 FFE7FF

 26003C

 000025

 00010E

 000000

 A75EBC

 A75EBC

 A34BBC

 AB71BC

 9F38BC

 AF84BC

 9A26BC

 B496BC

 9613BC

 B8A9BC

 9200BC

 BCBCBC

 C0CFBC

 C4E2BC

 C9F4BC

 CDFFBC

# Harmonies

## Analogous

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



5975DA



A75EBC



CD4B8E

# Triad

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



A75EBC



A17302



00929C

# Complementary

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



A75EBC



73BC5E

# 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.



009168



A75EBC



738306

# Square

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



A75EBC



C35E2E



318D36



008FC7

# Rectangle

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



A75EBC



D5486C



318D36



00928B



# Sweetspot

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



A75EBC



EDD0F5



5E74BC



75647A



FAFAFA



7A7A7A



# Same Dimension

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



A75EBC



D462F5



BC5EA3



5C555E



7B009E



18001F



# Inverse Universe

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



BC5E73



F56283



5EBC77



5E5557



9E0023



1F0007



# Previews

## White Background



This preview shows how the Hex color A75EBC looks on a white background.

## Color Contrast Check

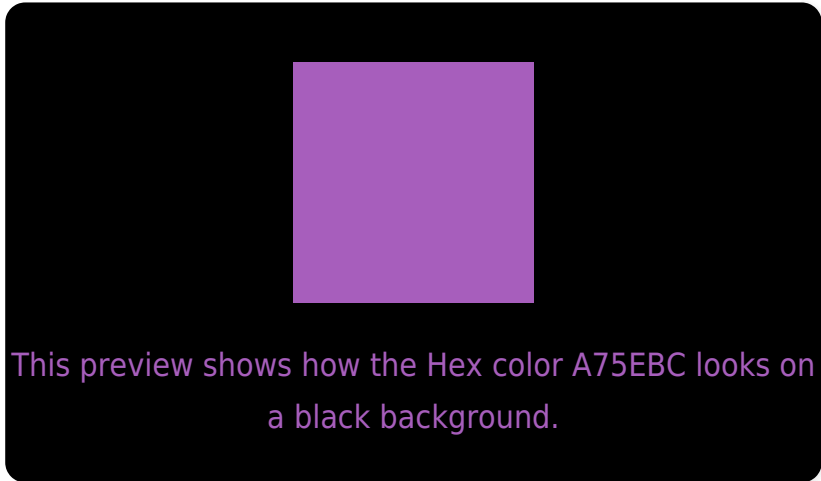
Large Text (above 18pt) WCAG AA ✓ Pass

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

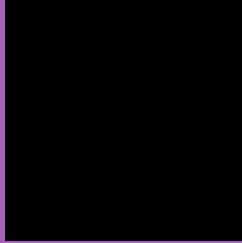
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A75EBC Background



This preview shows how black text looks on a background with the Hex color A75EBC.

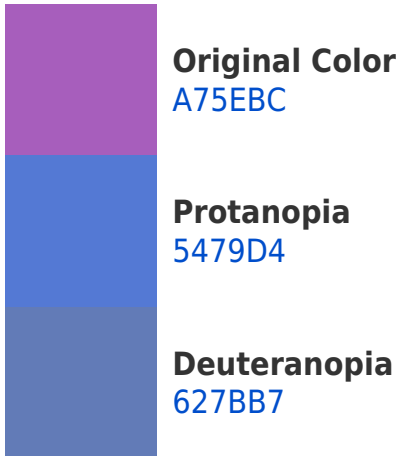


This preview shows how white text looks on a background with the Hex color A75EBC.

# 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](#).

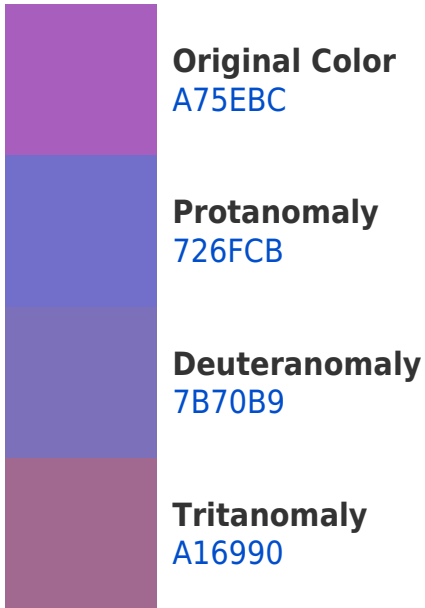
## Dichromacy





**Tritanopia**  
9D6F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A75EBC 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 #A75EBC looks like.

```
.text, #text, p{  
    color:#A75EBC  
}
```

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 #A75EBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A75EBC
}
```

## Border

The CSS property to change the border of an element to Hex A75EBC is called "border". The border property can be set on classes, ids or directly on the HTML element.

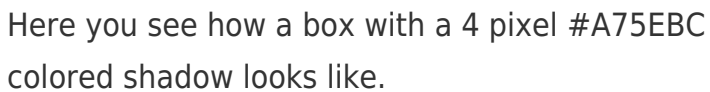
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A75EBC }
```

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

```
.border{ border-color:#A75EBC }
```

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



Here you see how a box with a 4 pixel #A75EBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A75EBC; -webkit-box-shadow:4px 4px  
4px 4px #A75EBC; box-shadow:4px 4px 4px  
4px #A75EBC }
```

# Background

The CSS property to change the background color of an element to Hex A75EBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A75EBC }
```

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

```
.background{ background-color:#A75EBC }
```

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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