

Converting Colors

Hex(A75EEB)

Have a look what the booklet for
Hex(A75EEB) contains.

Hex(A75EEB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A75EEB)

Conversions

Conversions Part 1

Format	Color
Hex	A75EEB
RGB	167, 94, 235
RGB Percent	65%, 37%, 92%
CMY	0.3451, 0.6314, 0.0784
CMYK	0.29, 0.60, 0.00, 0.08
HSL	271°, 78%, 65%
HSV	271°, 60%, 92%
XYZ	34.9344, 22.2191, 81.0447
YIQ	131.9010, -1.7530, 59.3270

Conversions

Conversions Part 2

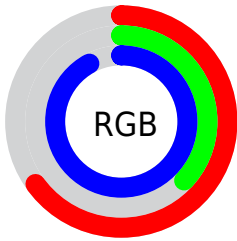
Format	Color
R _Y B	167, 94, 235
Decimal	10968811
CIE Lab	54.26, 55.32, -60.12
CIE LCh	54, 81.696, 312.620
Yxy	22.2191, 0.2528, 0.1608
Android (android.graphics.Color)	4289158891 (0xFFA75EEB)
YUV	131.9010, 50.8278, 30.7818
Hunter-Lab	47.1371, 49.8008, -68.9437

Details

The Hex color **A75EEB** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **A2EB5E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E193FF**, and **6E29B2** is the 20% darker color. If you saturate the color by 10%, you get **9C47EB**, and if you desaturate by 10%, it is **B276EB**.

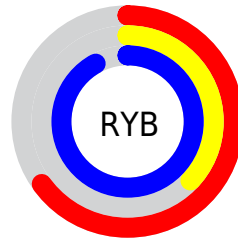
Distribution



Red (65%)

Green (37%)

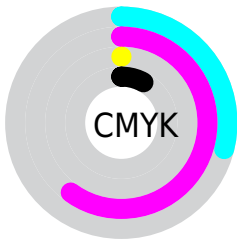
Blue (92%)



Red (65%)

Yellow (37%)

Blue (92%)

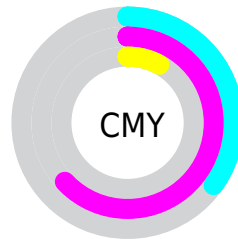


Cyan (29%)

Magenta (60%)

Yellow (0%)

Black (8%)



Cyan (35%)

Magenta (63%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color A75EEB 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 A75EEB by changing the saturation by 10% instead.

 A75EEB

 A75EEB

FFFFFF

 8A44CE

 E193FF

 6E29B2

 FFAFFF

 520897

 FFCBFF

 34007C

 FFE8FF

 120063

 00004A

 000432

 00021C

 000000

 A75EEB

 A75EEB

 9C47EB

 B276EB

 902FEB

 BE8DEB

 8517EB

 C9A4EB

 7A00EB

 D4BCEB

 E0D3EB

 EBEBEB

 F6FFEB

 FFFFEB

Harmonies

Analogous

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



0081FF



A75EEB



E82EAE

Triad

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



A75EEB



BE6F00



00A09F

Complementary

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



A75EEB



A2EB5E

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.



009D54



A75EEB



828800

Square

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



A75EEB



E94922



239600



009EE1

Rectangle

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



A75EEB



F9157F



239600



009F86

Sweetspot

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



A75EEB



E9D1FF



5EA2EB



726380



000000



808080

Same Dimension

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



A75EEB



A647FF



EB5EE9



706A75



5E00B5



1C0036

Inverse Universe

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



EB5EA2



FF47A0



5EEB60



756A6F



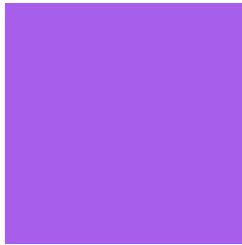
B50057



36001A

Previews

White Background



This preview shows how the Hex color A75EEB looks on a white background.

Color Contrast Check

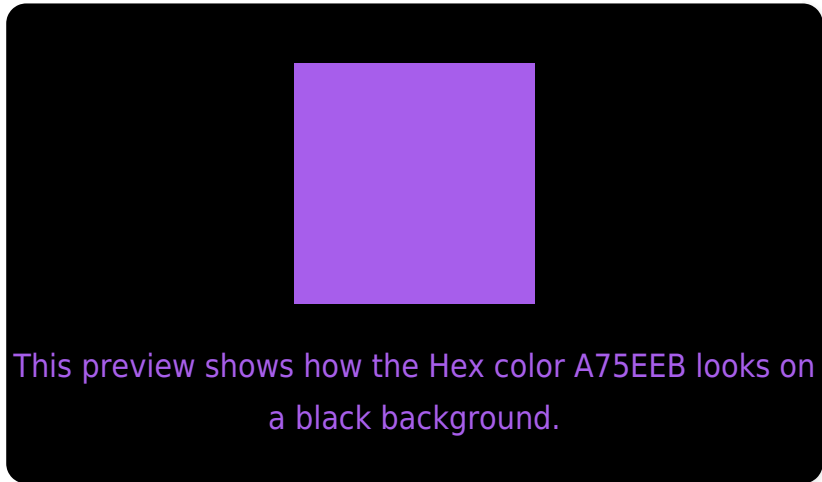
Large Text (above 18pt) WCAG AA ✓ Pass

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

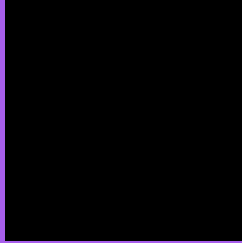
Any Text WCAG AA ✓ Pass

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 A75EEB Background



This preview shows how black text looks on a background with the Hex color A75EEB.

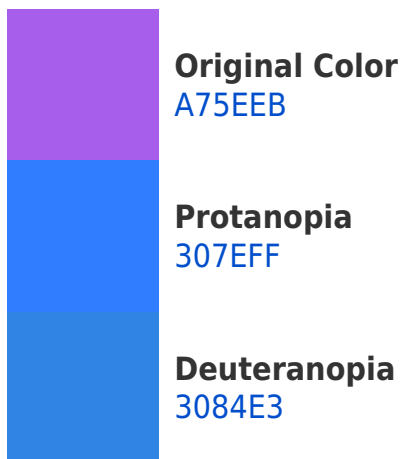


This preview shows how white text looks on a background with the Hex color A75EEB.

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
947B84

Trichromacy



Original Color
A75EEB



Protanomaly
5B72F8



Deuteranomaly
5B76E6



Tritanomaly
9B70A9

Monochromacy



Original Color
A75EEB



Achromatopsia
848484



Achromatomaly
9176A9

CSS Examples

Text

The CSS property to change the color of the text to Hex A75EEB 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 #A75EEB looks like.

```
.text, #text, p{  
    color:#A75EEB  
}
```

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 #A75EEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A75EEB
}
```

Border

The CSS property to change the border of an element to Hex A75EEB 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
#A75EEB }
```

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

```
.border{ border-color:#A75EEB }
```

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

Here you see how a box with a 4 pixel #A75EEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A75EEB; -webkit-box-shadow:4px 4px  
4px 4px #A75EEB; box-shadow:4px 4px 4px  
4px #A75EEB }
```

Background

The CSS property to change the background color of an element to Hex A75EEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A75EEB }
```

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

```
.background{ background-color:#A75EEB }
```

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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