

Converting Colors

Hex(A65AFF)

Have a look what the booklet for
Hex(A65AFF) contains.

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Color

Hex(A65AFF)

Conversions

Conversions Part 1

Format	Color
Hex	A65AFF
RGB	166, 90, 255
RGB Percent	65%, 35%, 100%
CMY	0.3490, 0.6471, 0.0000
CMYK	0.35, 0.65, 0.00, 0.00
HSL	268°, 100%, 68%
HSV	268°, 65%, 100%
XYZ	37.4320, 22.6393, 97.0047
YIQ	131.5340, -7.6690, 67.4270

Conversions

Conversions Part 2

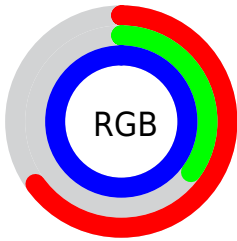
Format	Color
R _Y B	166, 90, 255
Decimal	10902271
CIE Lab	54.70, 61.76, -70.55
CIE LCh	55, 93.765, 311.200
Yxy	22.6393, 0.2383, 0.1441
Android (android.graphics.Color)	4289092351 (0xFFA65AFF)
YUV	131.5340, 60.8687, 30.2267
Hunter-Lab	47.5808, 57.1605, -87.5701

Details

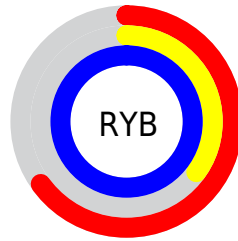
The Hex color **A65AFF** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **B3FF5A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E290FF**, and **6B23C5** is the 20% darker color. If you saturate the color by 10%, you get **9841FF**, and if you desaturate by 10%, it is **B474FF**.

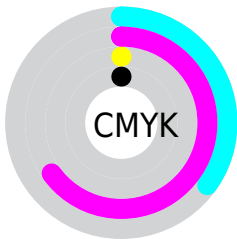
Distribution



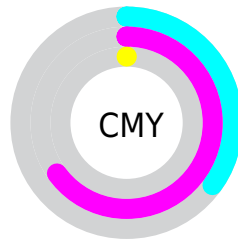
- Red (65%)
- Green (35%)
- Blue (100%)



- Red (65%)
- Yellow (35%)
- Blue (100%)



- Cyan (35%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A65AFF 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 A65AFF by changing the saturation by 10% instead.

 A65AFF

 A65AFF

FFFFFF

 893FE2

 E290FF

 6B23C5

 FFACFF

 4D00A9

 FFC8FF

 2B008E

 FFE5FF

 000073

 00005A

 000741

 00032A

 000114

 A65AFF

 A65AFF

 9841FF

 B474FF

 8A27FF

 C28DFF

 7D0EFF

 CFA7FF

 7500FF

 DDC0FF

 EBD AFF

 F9F3FF

FFFFFF

Harmonies

Analogous

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



0084FF



A65AFF



F500B9

Triad

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



A65AFF



C86B00



00A4A0

Complementary

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



A65AFF



B3FF5A

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.



00A14A



A65AFF



848900

Square

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



A65AFF



F83615



009900



00A3ED

Rectangle

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



A65AFF



FF0083



009900



00A384

Sweetspot

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



A65AFF



E5CFFF



5AB5FF



706280



000000



808080

Same Dimension

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



A65AFF



9438FF



F75AFF



797380



5800BF



1D0040

Inverse Universe

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



FF5AB3



FF38A3



62FF5A



80737A



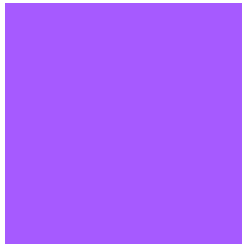
BF0067



400022

Previews

White Background



This preview shows how the Hex color A65AFF looks on a white background.

Color Contrast Check

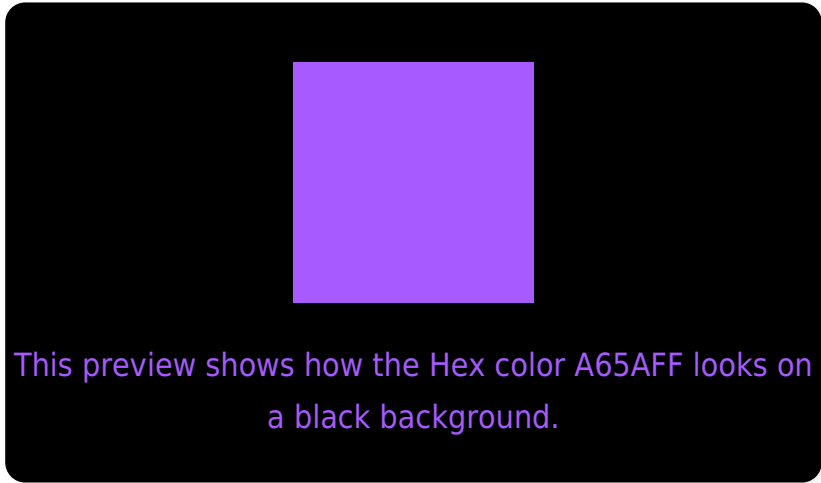
Large Text (above 18pt) WCAG AA ✓ Pass

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

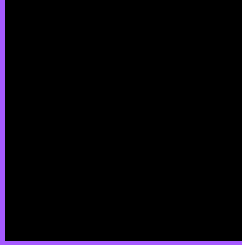
Any Text WCAG AA ✓ Pass

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 A65AFF Background



This preview shows how black text looks on a background with the Hex color A65AFF.

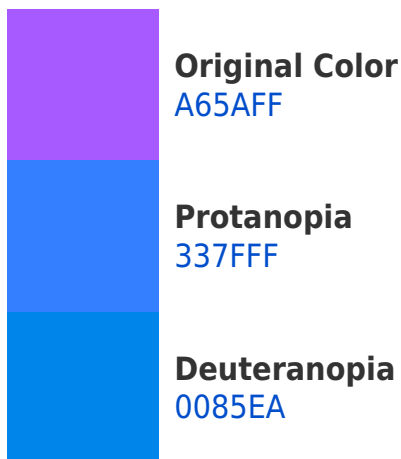


This preview shows how white text looks on a background with the Hex color A65AFF.

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
8E7E88

Trichromacy



Original Color
A65AFF



Protanomaly
5D72FF



Deuteranomaly
3C75F2



Tritanomaly
9771B3

Monochromacy



Original Color
A65AFF



Achromatopsia
848484



Achromatomaly
9075B1

CSS Examples

Text

The CSS property to change the color of the text to Hex A65AFF 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 #A65AFF looks like.

```
.text, #text, p{  
    color:#A65AFF  
}
```

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 #A65AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A65AFF
}
```

Border

The CSS property to change the border of an element to Hex A65AFF 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
#A65AFF }
```

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

```
.border{ border-color:#A65AFF }
```

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

Here you see how a box with a 4 pixel #A65AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A65AFF; -webkit-box-shadow:4px 4px  
4px 4px #A65AFF; box-shadow:4px 4px 4px  
4px #A65AFF }
```

Background

The CSS property to change the background color of an element to Hex A65AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A65AFF }
```

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

```
.background{ background-color:#A65AFF }
```

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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