

Converting Colors

Hex(A64DFF)

Have a look what the booklet for
Hex(A64DFF) contains.

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Color

Hex(A64DFF)

Conversions

Conversions Part 1

Format	Color
Hex	A64DFF
RGB	166, 77, 255
RGB Percent	65%, 30%, 100%
CMY	0.3490, 0.6980, 0.0000
CMYK	0.35, 0.70, 0.00, 0.00
HSL	270°, 100%, 65%
HSV	270°, 70%, 100%
XYZ	36.4298, 20.6347, 96.6706
YIQ	123.9030, -4.0940, 74.2260

Conversions

Conversions Part 2

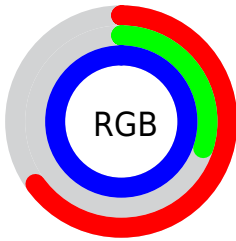
Format	Color
R _{YB}	166, 77, 255
Decimal	10898943
CIE _{Lab}	52.55, 67.73, -74.04
CIE _{LCh}	53, 100.348, 312.454
Y _{xy}	20.6347, 0.2370, 0.1342
Android (android.graphics.Color)	4289089023 (0xFFA64DFF)
YUV	123.9030, 64.6308, 36.9191
Hunter-Lab	45.4255, 63.6566, -94.3780

Details

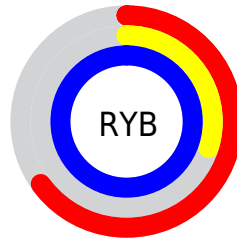
The Hex color **A64DFF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **A6FF4D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E284FF**, and **6A0AC5** is the 20% darker color. If you saturate the color by 10%, you get **9934FF**, and if you desaturate by 10%, it is **B367FF**.

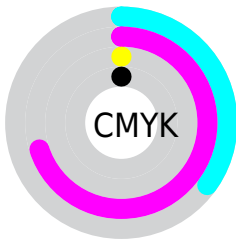
Distribution



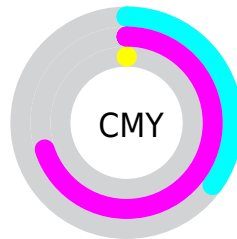
- Red (65%)
- Green (30%)
- Blue (100%)



- Red (65%)
- Yellow (30%)
- Blue (100%)



- Cyan (35%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A64DFF 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 A64DFF by changing the saturation by 10% instead.

 A64DFF

 A64DFF

FFFFFF

 8830E2

 E284FF

 6A0AC5

 FFA0FF

 4B00A9

 FFBCFF

 28008E

 FFD9FF

 000073

 FFF7FF

 00005A

 000741

 00032A

 000114

 A64DFF

 A64DFF

 9934FF

 B367FF

 8D1AFF

 C080FF

 8001FF

 CC9AFF

 8000FF

 D9B3FF

 E6CDDF

 F3E6FF

FFFFFF

Harmonies

Analogous

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



007EFF



A64DFF



F800B4

Triad

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



A64DFF



C16600



009FA1

Complementary

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



A64DFF



A6FF4D

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.



009C45



A64DFF



788500

Square

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



A64DFF



F52200



009500



009EF2

Rectangle

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



A64DFE



FF007B



009500



009E83

Sweetspot

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



A64DFF



E4C9FF



4DA6FF



706080



000000



808080

Same Dimension

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



A64DFE



9429FF



FF4DFE



797380



6000BF



200040

Inverse Universe

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



FF4DA6



FF2994



4DFF4D



807379



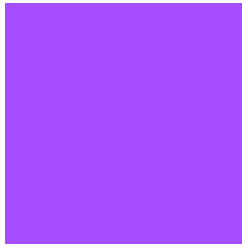
BF0060



400020

Previews

White Background



This preview shows how the Hex color A64DFF looks on a white background.

Color Contrast Check

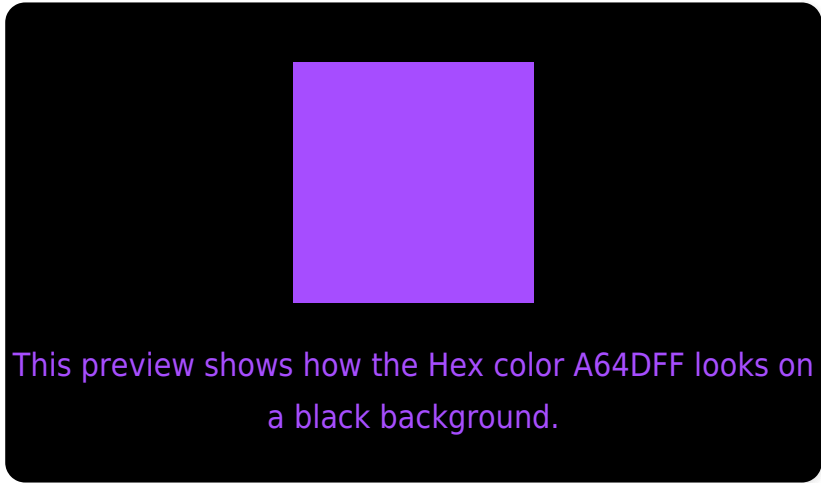
Large Text (above 18pt) WCAG AA ✓ Pass

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

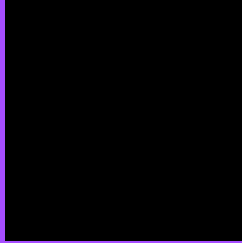
Any Text WCAG AA ✓ Pass

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 A64DFF Background



This preview shows how black text looks on a background with the Hex color A64DFF.

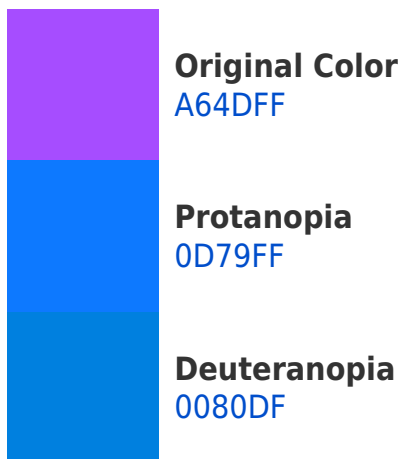


This preview shows how white text looks on a background with the Hex color A64DFF.

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](#).

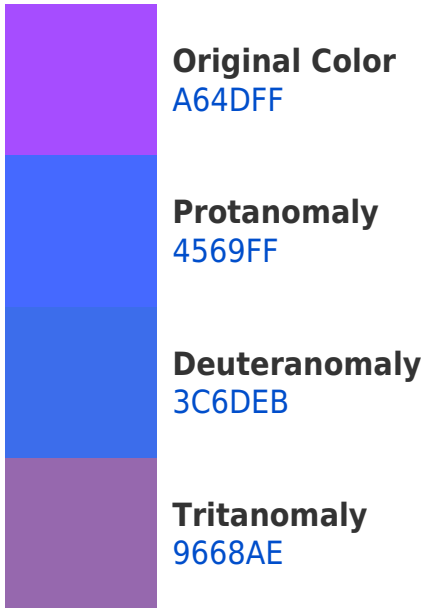
Dichromacy



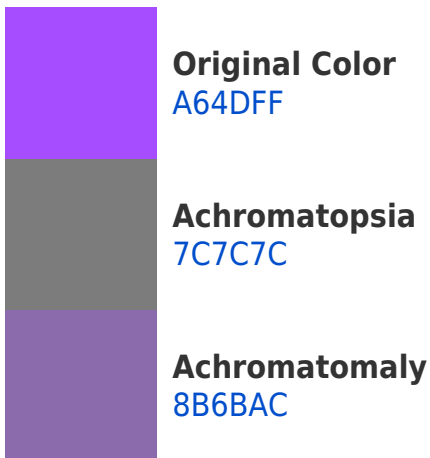


Tritanopia
8D7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A64DFF 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 #A64DFF looks like.

```
.text, #text, p{  
    color:#A64DFF  
}
```

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 #A64DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64DFF
}
```

Border

The CSS property to change the border of an element to Hex A64DFF 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
#A64DFF }
```

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

```
.border{ border-color:#A64DFF }
```

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

Here you see how a box with a 4 pixel #A64DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64DFF; -webkit-box-shadow:4px 4px  
4px 4px #A64DFF; box-shadow:4px 4px 4px  
4px #A64DFF }
```

Background

The CSS property to change the background color of an element to Hex A64DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64DFF }
```

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

```
.background{ background-color:#A64DFF }
```

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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