

Converting Colors

Hex(AB64DF)

Have a look what the booklet for
Hex(AB64DF) contains.

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Color

Hex(**AB64DF**)

Conversions

Conversions Part 1

Format	Color
Hex	AB64DF
RGB	171, 100, 223
RGB Percent	67%, 39%, 87%
CMY	0.3294, 0.6078, 0.1255
CMYK	0.23, 0.55, 0.00, 0.13
HSL	275°, 66%, 63%
HSV	275°, 55%, 87%
XYZ	34.6710, 23.1000, 72.4434
YIQ	135.2510, 2.8330, 53.3050

Conversions

Conversions Part 2

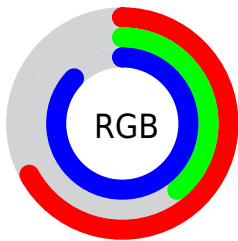
Format	Color
R _Y B	171, 100, 223
Decimal	11232479
CIE _{Lab}	55.18, 50.47, -51.88
CIE _{LCh}	55, 72.379, 314.207
Y _{xy}	23.1000, 0.2663, 0.1774
Android (android.graphics.Color)	4289422559 (0xFFAB64DF)
YUV	135.2510, 43.2603, 31.3519
Hunter-Lab	48.0624, 44.6562, -55.7227

Details

The Hex color **AB64DF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **98DF64**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **E599FF**, and **7330A7** is the 20% darker color. If you saturate the color by 10%, you get **A24EDF**, and if you desaturate by 10%, it is **B47ADF**.

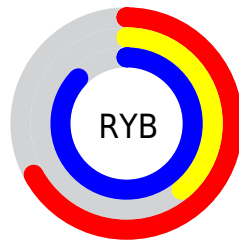
Distribution



Red (67%)

Green (39%)

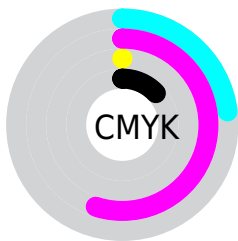
Blue (87%)



Red (67%)

Yellow (39%)

Blue (87%)

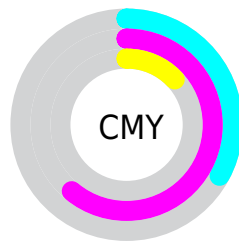


Cyan (23%)

Magenta (55%)

Yellow (0%)

Black (13%)



Cyan (33%)

Magenta (61%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB64DF 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 AB64DF by changing the saturation by 10% instead.

 AB64DF

 AB64DF

FFFFFF

 8F4AC3

 E599FF

 7330A7

 FFB5FF

 58148C

 FFD1FF

 3C0072

 FFEEFF

 200059

 000041

 000329

 000113

 000000

 AB64DF

 AB64DF

 A24EDF

 B47ADF

 9837DF


 BE91DF

 8F21DF

 C7A7DF

 850BDF

 D1BDDF

 8100DF

 DAD3DF

 E4EADF

 EDFFDF

 F6FFDF

 FFFFDF

Harmonies

Analogous

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



0182FF



AB64DF



E243A8

Triad

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



AB64DF



BA7500



00A0A1

Complementary

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



AB64DF



98DF64

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.



009E60



AB64DF



848B00

Square

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



AB64DF



E1572D



35971B



009EDB

Rectangle

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



AB64DF



F1397E



35971B



00A08C

Sweetspot

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



AB64DF



EDD4FF



6499DF



756680



000000



808080

Same Dimension

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



AB64DF



B857FF



DF64D7



6B6570



6600B0



1C0030

Inverse Universe

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



DF6498



FF579E



64DF6C



70656A



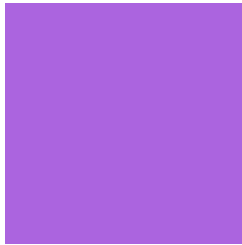
B0004A



300014

Previews

White Background



This preview shows how the Hex color AB64DF looks on a white background.

Color Contrast Check

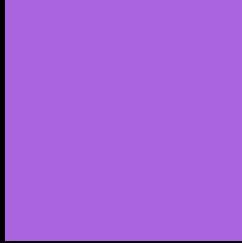
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color AB64DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

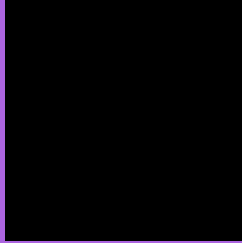
Any Text WCAG AA ✓ Pass

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 AB64DF Background



This preview shows how black text looks on a background with the Hex color AB64DF.

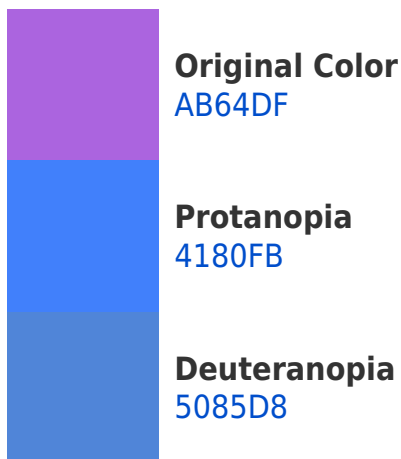


This preview shows how white text looks on a background with the Hex color AB64DF.

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](#).

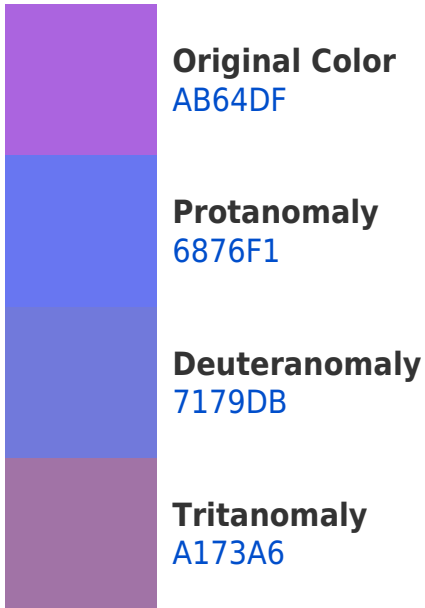
Dichromacy



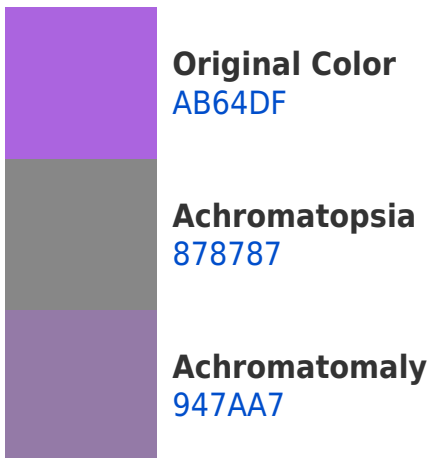


Tritanopia
9C7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB64DF 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 #AB64DF looks like.

```
.text, #text, p{  
    color:#AB64DF  
}
```

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 #AB64DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB64DF
}
```

Border

The CSS property to change the border of an element to Hex AB64DF 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
#AB64DF }
```

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

```
.border{ border-color:#AB64DF }
```

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

Here you see how a box with a 4 pixel #AB64DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB64DF; -webkit-box-shadow:4px 4px  
4px 4px #AB64DF; box-shadow:4px 4px 4px  
4px #AB64DF }
```

Background

The CSS property to change the background color of an element to Hex AB64DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB64DF }
```

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

```
.background{ background-color:#AB64DF }
```

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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