

Converting Colors

Hex(AF64B1)

Have a look what the booklet for
Hex(AF64B1) contains.

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Color

Hex(AF64B1)

Conversions

Conversions Part 1

Format	Color
Hex	AF64B1
RGB	175, 100, 177
RGB Percent	69%, 39%, 69%
CMY	0.3137, 0.6078, 0.3059
CMYK	0.01, 0.44, 0.00, 0.31
HSL	298°, 33%, 54%
HSV	298°, 44%, 69%
XYZ	30.1722, 21.4026, 44.1358
YIQ	131.2030, 19.9830, 39.8470

Conversions

Conversions Part 2

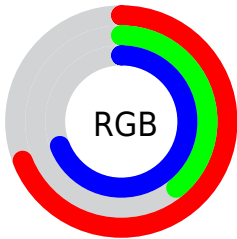
Format	Color
RYB	175, 100, 177
Decimal	11494577
CIELab	53.39, 42.00, -28.38
CIELCh	53, 50.690, 325.950
Yxy	21.4026, 0.3152, 0.2236
Android (android.graphics.Color)	4289684657 (0xFFAF64B1)
YUV	131.2030, 22.5779, 38.4100
Hunter-Lab	46.2630, 35.4554, -24.1798

Details

The Hex color **AF64B1** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **66B164**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E899E9**, and **79317C** is the 20% darker color. If you saturate the color by 10%, you get **AF52B1**, and if you desaturate by 10%, it is **AF76B1**.

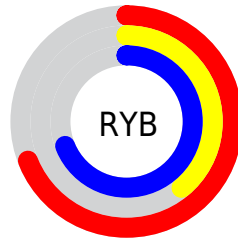
Distribution



Red (69%)

Green (39%)

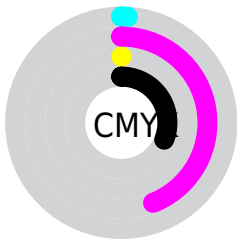
Blue (69%)



Red (69%)

Yellow (39%)

Blue (69%)

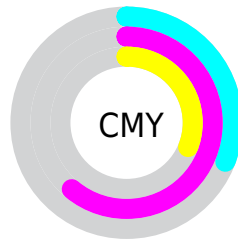


Cyan (1%)

Magenta (44%)

Yellow (0%)

Black (31%)



Cyan (31%)

Magenta (61%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF64B1 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 AF64B1 by changing the saturation by 10% instead.

 AF64B1

 AF64B1

FFFFFF

 934A96

 E899E9

 79317C

 FFB4FF

 5F1763

 FFD0FF

 45004B

 FFEDFF

 2E0034

 0F001E

 000000

 AF64B1

 AF64B1

 AF52B1

 AF76B1

■ AE41B1

■ B087B1

■ AE2FB1

■ B099B1

■ AD1DB1

■ B1ABB1

■ AD0CB1

■ B1BDB1

■ AC00B1

■ B2CEB1

■ B2E0B1

■ B3F2B1

■ B3FFB1

Harmonies

Analogous

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



7676CE



AF64B1



CB5887

Triad

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



AF64B1



9C7B21



0094A4

Complementary

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



AF64B1



66B164

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.



009478



AF64B1



71882B

Square

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



AF64B1



BC6A37



37904C



0090C7

Rectangle

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



AF64B1



D0586A



37904C



009596

Sweetspot

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



AF64B1



E5C8E6



6467B1



726073



F2F2F2



737373

Same Dimension

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



AF64B1



E26EE6



B1648D



595059



950099



19001A

Inverse Universe

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



B16466



E66E71



64B188



595051



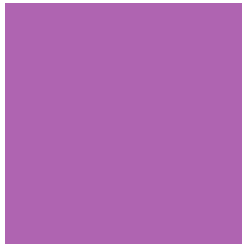
990004



1A0001

Previews

White Background



This preview shows how the Hex color AF64B1 looks on a white background.

Color Contrast Check

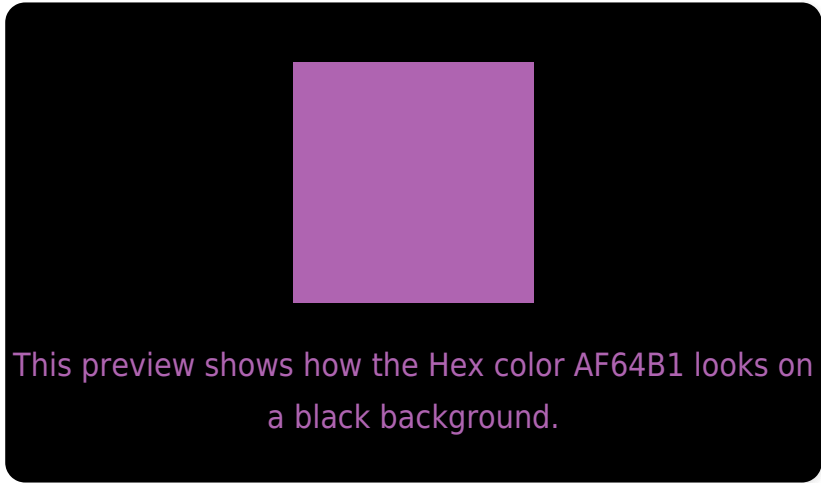
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF64B1 Background



This preview shows how black text looks on a background with the Hex color AF64B1.

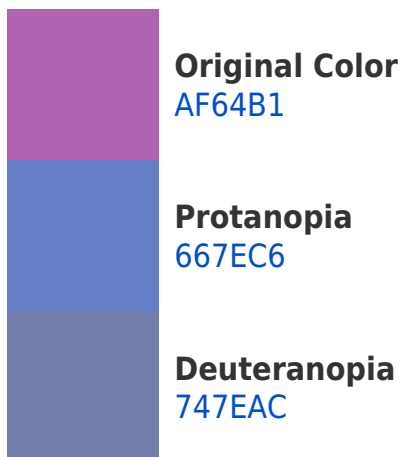


This preview shows how white text looks on a background with the Hex color AF64B1.

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](#).

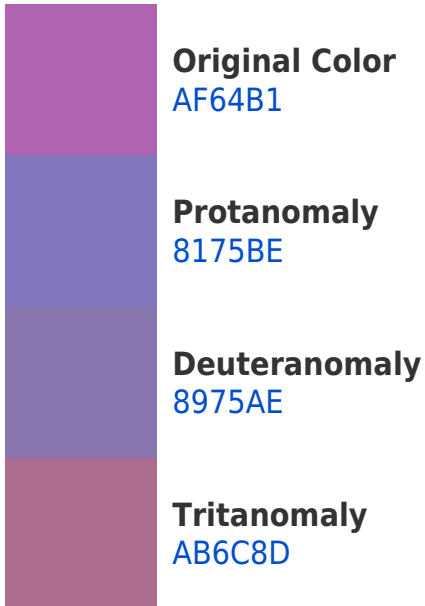
Dichromacy



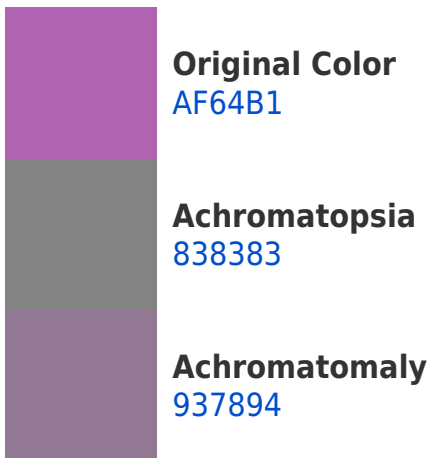


Tritanopia
A87179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF64B1 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 #AF64B1 looks like.

```
.text, #text, p{  
    color:#AF64B1  
}
```

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 #AF64B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF64B1
}
```

Border

The CSS property to change the border of an element to Hex AF64B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

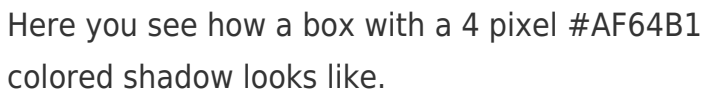
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF64B1 }
```

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

```
.border{ border-color:#AF64B1 }
```

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



Here you see how a box with a 4 pixel #AF64B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF64B1; -webkit-box-shadow:4px 4px  
4px 4px #AF64B1; box-shadow:4px 4px 4px  
4px #AF64B1 }
```

Background

The CSS property to change the background color of an element to Hex AF64B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF64B1 }
```

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

```
.background{ background-color:#AF64B1 }
```

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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