

Converting Colors

Hex(AF65B3)

Have a look what the booklet for
Hex(AF65B3) contains.

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Color

Hex(AF65B3)

Conversions

Conversions Part 1

Format	Color
Hex	AF65B3
RGB	175, 101, 179
RGB Percent	69%, 40%, 70%
CMY	0.3137, 0.6039, 0.2980
CMYK	0.02, 0.44, 0.00, 0.30
HSL	297°, 34%, 55%
HSV	297°, 44%, 70%
XYZ	30.4696, 21.6760, 45.2258
YIQ	132.0180, 19.0660, 39.9460

Conversions

Conversions Part 2

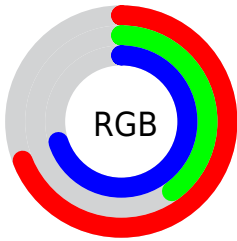
Format	Color
RYB	175, 101, 179
Decimal	11494835
CIELab	53.68, 41.85, -29.08
CIElCh	54, 50.962, 325.202
Yxy	21.6760, 0.3129, 0.2226
Android (android.graphics.Color)	4289684915 (0xFFAF65B3)
YUV	132.0180, 23.1621, 37.6952
Hunter-Lab	46.5575, 35.3438, -25.0039

Details

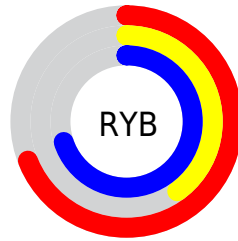
The Hex color **AF65B3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **69B365**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **E89AEB**, and **79327E** is the 20% darker color. If you saturate the color by 10%, you get **AE53B3**, and if you desaturate by 10%, it is **B077B3**.

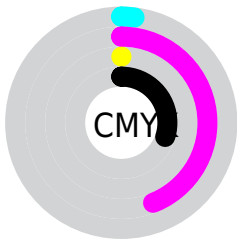
Distribution



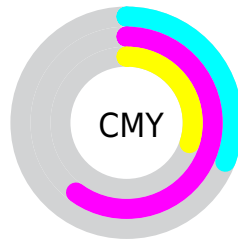
- Red (69%)
- Green (40%)
- Blue (70%)



- Red (69%)
- Yellow (40%)
- Blue (70%)



- Cyan (2%)
- Magenta (44%)
- Yellow (0%)
- Black (30%)



- Cyan (31%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF65B3 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 AF65B3 by changing the saturation by 10% instead.

 AF65B3

 AF65B3

FFFFFF

 934C98

 E89AEB

 79327E

 FFB5FF

 5F1865

 FFD1FF

 45004C

 FFEEFF

 2E0035

 10001F

 000002

 000000

 AF65B3

 AF65B3

AE53B3

B077B3

AD41B3

B189B3

AC2FB3

B29BB3

AB1DB3

B3ADB3

AA0CB3

B4BFB3

AA00B3

B5D0B3

B5E2B3

B6F4B3

B7FFB3

Harmonies

Analogous

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



7578D0



AF65B3



CC5889

Triad

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



AF65B3



9E7C22



0095A4

Complementary

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



AF65B3



69B365

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.



009578



AF65B3



73892A

Square

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



AF65B3



BE6B38



39914C



0091C8

Rectangle

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



AF65B3



D1596C



39914C



009696

Sweetspot

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



AF65B3



E7CAE8



656AB3



746375



F5F5F5



757575

Same Dimension

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



AF65B3



E26FE8



B36591



595059



910099



18001A

Inverse Universe

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



B36569



E86F76



65B387



595051



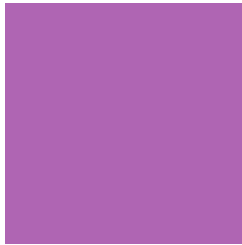
990008



1A0001

Previews

White Background



This preview shows how the Hex color AF65B3 looks on a white background.

Color Contrast Check

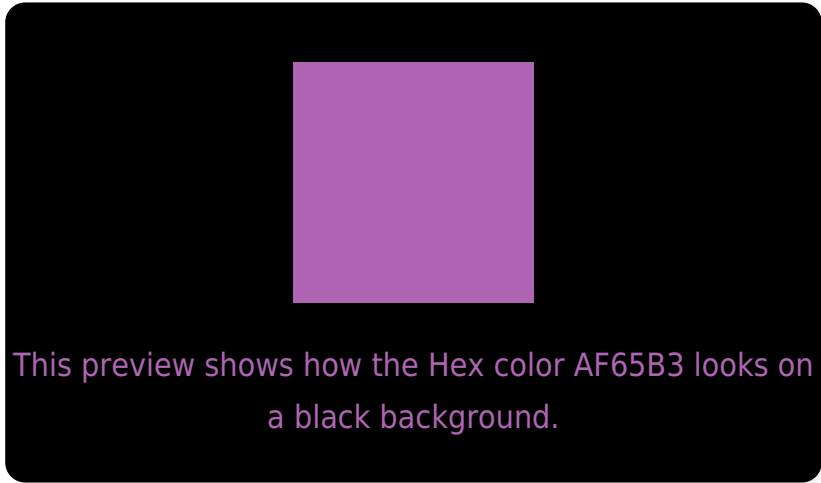
Large Text (above 18pt) WCAG AA ✓ Pass

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

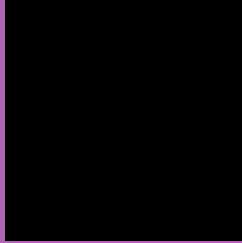
Any Text WCAG AA ✓ Pass

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 AF65B3 Background



This preview shows how black text looks on a background with the Hex color AF65B3.

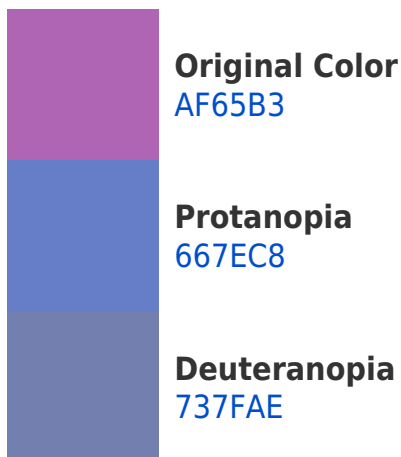


This preview shows how white text looks on a background with the Hex color AF65B3.

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](#).

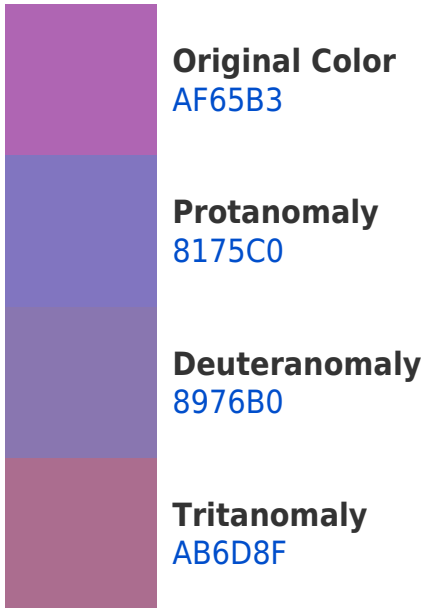
Dichromacy



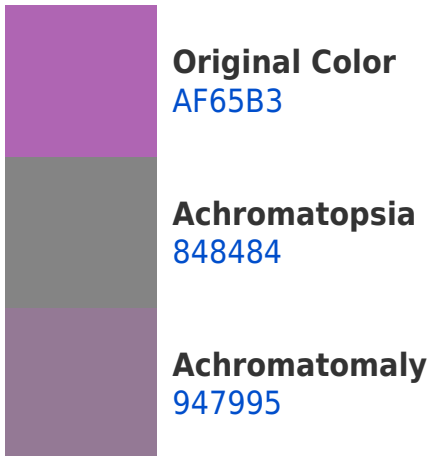


Tritanopia
A8727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF65B3 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 #AF65B3 looks like.

```
.text, #text, p{  
    color:#AF65B3  
}
```

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 #AF65B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF65B3
}
```

Border

The CSS property to change the border of an element to Hex AF65B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

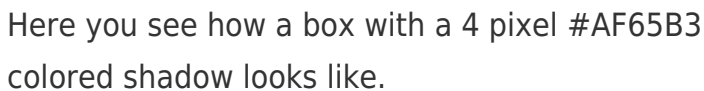
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF65B3 }
```

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

```
.border{ border-color:#AF65B3 }
```

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



Here you see how a box with a 4 pixel `#AF65B3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF65B3; -webkit-box-shadow:4px 4px  
4px 4px #AF65B3; box-shadow:4px 4px 4px  
4px #AF65B3 }
```

Background

The CSS property to change the background color of an element to Hex AF65B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF65B3 }
```

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

```
.background{ background-color:#AF65B3 }
```

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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