

# Converting Colors

Hex(A65BA3)

Have a look what the booklet for  
Hex(A65BA3) contains.

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# Color

**Hex(A65BA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A65BA3
RGB	166, 91, 163
RGB Percent	65%, 36%, 64%
CMY	0.3490, 0.6431, 0.3608
CMYK	0.00, 0.45, 0.02, 0.35
HSL	302°, 30%, 50%
HSV	302°, 45%, 65%
XYZ	26.0778, 18.2335, 36.7953
YIQ	121.6330, 21.5880, 38.2920

# Conversions

## Conversions Part 2

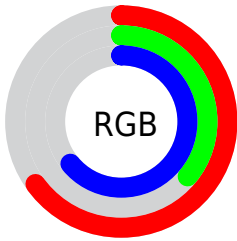
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 91, 163
Decimal	10902435
CIE <sub>Lab</sub>	49.78, 41.37, -25.90
CIE <sub>LCh</sub>	50, 48.809, 327.956
Yxy	18.2335, 0.3215, 0.2248
Android (android.graphics.Color)	4289092515 (0xFFA65BA3)
YUV	121.6330, 20.3939, 38.9099
Hunter-Lab	42.7007, 34.2858, -21.1998

# Details

The Hex color **A65BA3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5BA65E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **DF8FDA**, and **70286F** is the 20% darker color. If you saturate the color by 10%, you get **A64AA2**, and if you desaturate by 10%, it is **A66CA4**.

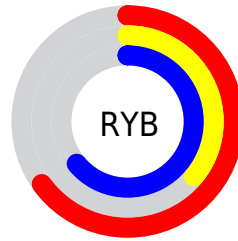
# Distribution



Red (65%)

Green (36%)

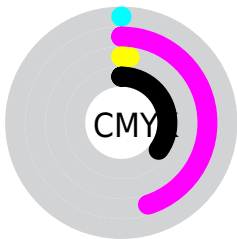
Blue (64%)



Red (65%)

Yellow (36%)

Blue (64%)

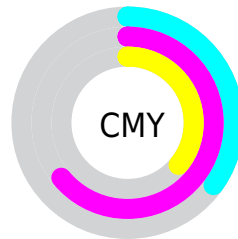


Cyan (0%)

Magenta (45%)

Yellow (2%)

Black (35%)



Cyan (35%)

Magenta (64%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A65BA3 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 A65BA3 by changing the saturation by 10% instead.



 A65BA3

 A65BA3

FFFFFF

 8B4289

 DF8FDA

 70286F

 FCABF7

 560C56

 FFC6FF

 3D003F

 FFE3FF

 290029

 000112

 000000

 A65BA3

 A65BA3

 A64AA2

 A66CA4

 A63AA2

 A67CA4

 A629A1

 A68DA5

 A619A0

 A69DA6

 A608A0

 A6AEA6

 A6009F

 A6BFA7

 A6CFA8

 A6E0A8

 A6F0A9

# Harmonies

## Analogous

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



726DC0



A65BA3



BF507B

# Triad

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



A65BA3



8F731C



008A9C

# Complementary

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



A65BA3



5BA65E

# 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.



008A72



A65BA3



667F27

# Square

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



A65BA3



AE6330



2B8748



0086BC

# Rectangle

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



A65BA3



C2515F



2B8748



008A8F



# Sweetspot

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



A65BA3



D9BAD8



5D5BA6



6E5B6D



EDEDED



6E6E6E



# Same Dimension

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



A65BA3



D964D4



A65B7E



544C54



94008E



140014



# Inverse Universe

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



A65BA3



D964D4



5BA683



544C54



94008E

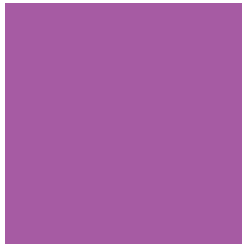


140014



# Previews

## White Background



This preview shows how the Hex color A65BA3 looks on a white background.

## Color Contrast Check

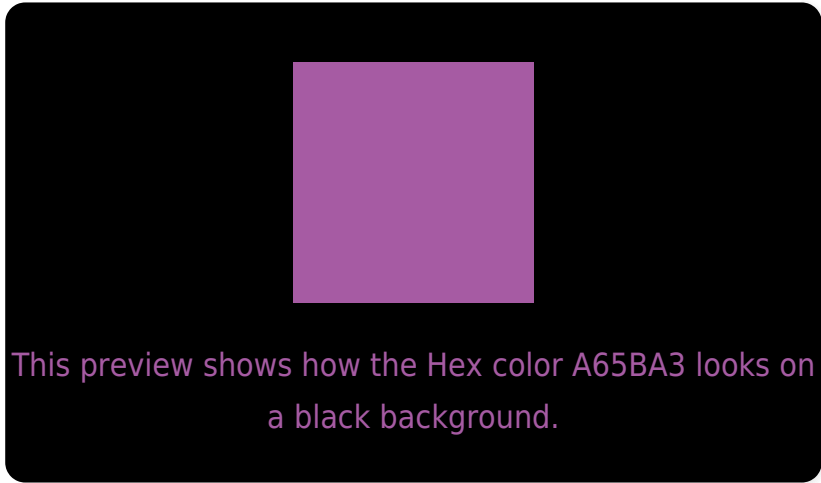
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

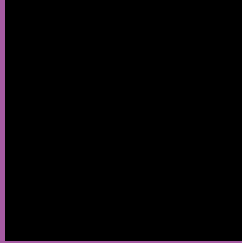
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A65BA3 Background



This preview shows how black text looks on a background with the Hex color A65BA3.

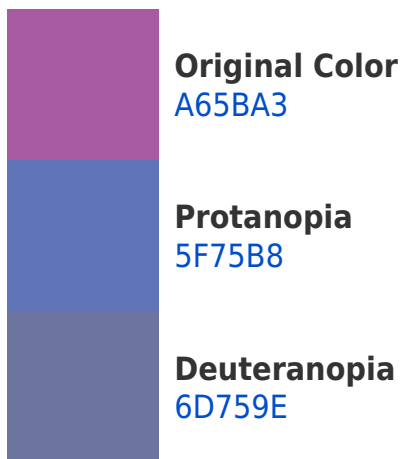



This preview shows how white text looks on a background with the Hex color A65BA3.

# 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](#).

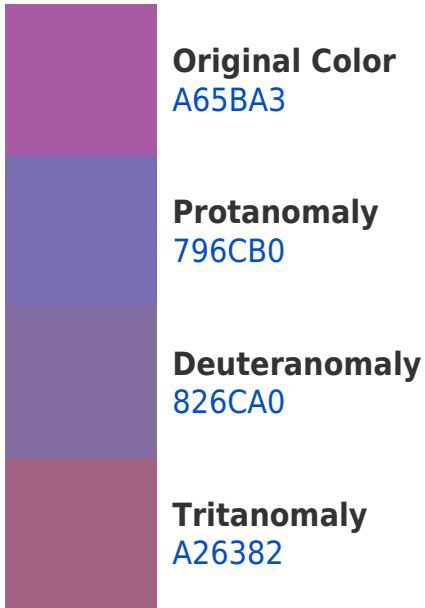
## Dichromacy



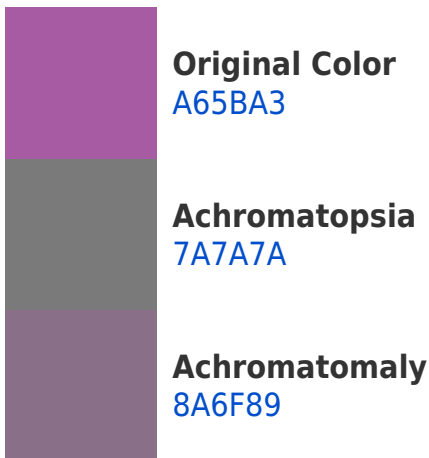


**Tritanopia**  
A0676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A65BA3 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 #A65BA3 looks like.

```
.text, #text, p{  
    color:#A65BA3  
}
```

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 #A65BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A65BA3
}
```

## Border

The CSS property to change the border of an element to Hex A65BA3 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
#A65BA3 }
```

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

```
.border{ border-color:#A65BA3 }
```

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

Here you see how a box with a 4 pixel #A65BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A65BA3; -webkit-box-shadow:4px 4px  
4px 4px #A65BA3; box-shadow:4px 4px 4px  
4px #A65BA3 }
```

# Background

The CSS property to change the background color of an element to Hex A65BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A65BA3 }
```

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

```
.background{ background-color:#A65BA3 }
```

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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