

Converting Colors

Hex(A64B8B)

Have a look what the booklet for
Hex(A64B8B) contains.

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Color

Hex(A64B8B)

Conversions

Conversions Part 1

Format	Color
Hex	A64B8B
RGB	166, 75, 139
RGB Percent	65%, 29%, 55%
CMY	0.3490, 0.7059, 0.4549
CMYK	0.00, 0.55, 0.16, 0.35
HSL	318°, 38%, 47%
HSV	318°, 55%, 65%
XYZ	22.9022, 15.0032, 26.1149
YIQ	109.5050, 33.6920, 39.1960

Conversions

Conversions Part 2

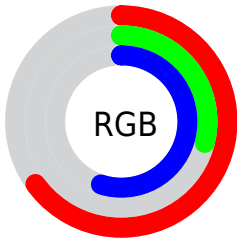
Format	Color
R_{YB}	166, 75, 139
Decimal	10898315
CIE _{Lab}	45.64, 45.45, -17.99
CIE _{LCh}	46, 48.882, 338.407
Yxy	15.0032, 0.3577, 0.2344
Android (android.graphics.Color)	4289088395 (0xFFA64B8B)
YUV	109.5050, 14.5410, 49.5461
Hunter-Lab	38.7340, 37.7568, -12.8602

Details

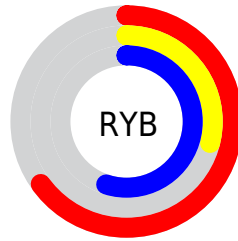
The Hex color **A64B8B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4BA666**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **DF80C1**, and **6F1459** is the 20% darker color. If you saturate the color by 10%, you get **A63A86**, and if you desaturate by 10%, it is **A65C90**.

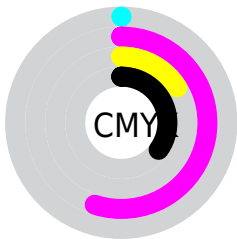
Distribution



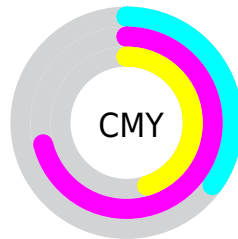
- Red (65%)
- Green (29%)
- Blue (55%)



- Red (65%)
- Yellow (29%)
- Blue (55%)



- Cyan (0%)
- Magenta (55%)
- Yellow (16%)
- Black (35%)



- Cyan (35%)
- Magenta (71%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color A64B8B 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 A64B8B by changing the saturation by 10% instead.

 A64B8B

 A64B8B

FFFFFF

 8A3171

 DF80C1

 6F1459

 FC9BDD

 550041

 FFB6F9

 3C002B

 FFD3FF

 240016

 FFEFFF

 000000

 A64B8B

 A64B8B

 A63A86

 A65C90

 A62A81

 A66C95

 A6197C

 A67D9A

 A60977

 A68D9F

 A60075

 A69EA4

 A6AFA9

 A6BFAD

 A6D0B2

 A6E0B7

Harmonies

Analogous

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



7D5CAC



A64B8B



B64562

Triad

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



A64B8B



766E0F



007E9E

Complementary

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



A64B8B



4BA666

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.



008077



A64B8B



4A7827

Square

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



A64B8B



995F1C



007D4C



0078B8

Rectangle

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



A64B8B



B44A48



007D4C



007F92

Sweetspot

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



A64B8B



D9B6CE



654BA6



6E5967



EDEDED



6E6E6E

Same Dimension

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



A64B8B



D94AAE



A64B5F



544C52



940068



14000E

Inverse Universe

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



A64B8B



D94AAE



4BA692



544C52



940068



14000E

Previews

White Background



This preview shows how the Hex color A64B8B looks on a white background.

Color Contrast Check

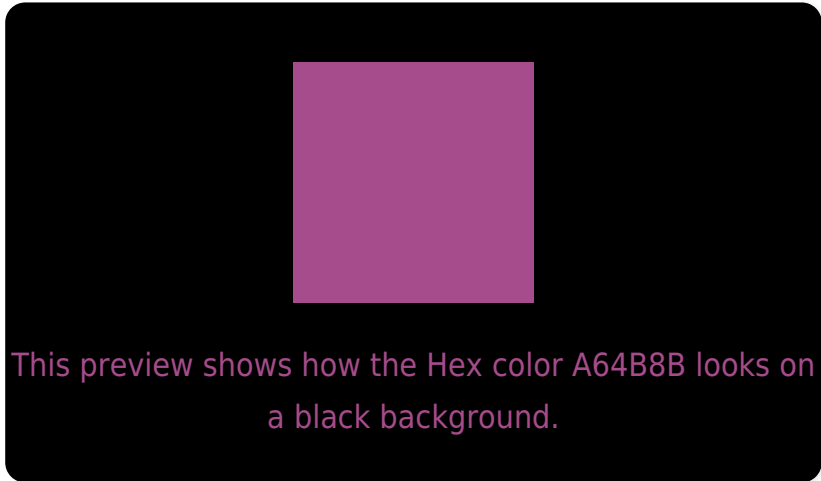
Large Text (above 18pt) WCAG AA ✓ Pass

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

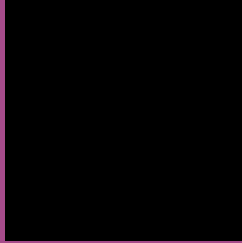
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex A64B8B Background



This preview shows how black text looks on a background with the Hex color A64B8B.

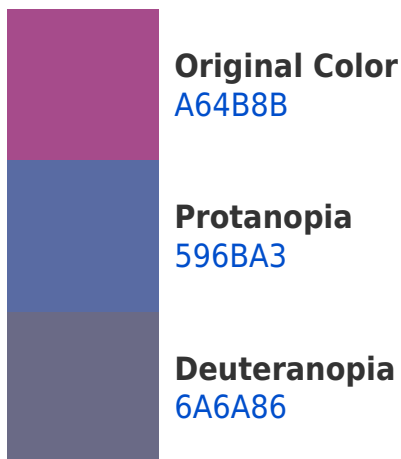



This preview shows how white text looks on a background with the Hex color A64B8B.

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](#).

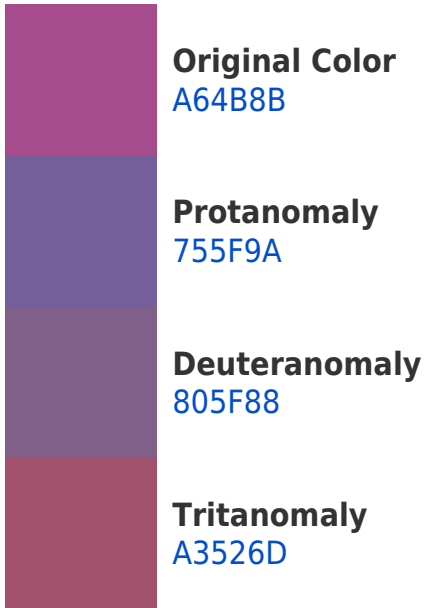
Dichromacy





Tritanopia
A1565C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A64B8B 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 #A64B8B looks like.

```
.text, #text, p{  
    color:#A64B8B  
}
```

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 #A64B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64B8B
}
```

Border

The CSS property to change the border of an element to Hex A64B8B 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".

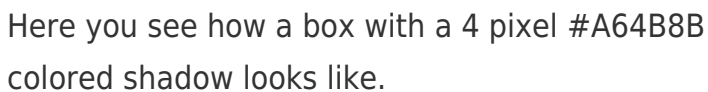
```
.border, #border, table{ border:4px solid
#A64B8B }
```

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

```
.border{ border-color:#A64B8B }
```

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

Here you see how a box with a 4 pixel #A64B8B colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64B8B; -webkit-box-shadow:4px 4px  
4px 4px #A64B8B; box-shadow:4px 4px 4px  
4px #A64B8B }
```

Background

The CSS property to change the background color of an element to Hex A64B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64B8B }
```

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

```
.background{ background-color:#A64B8B }
```

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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