

Converting Colors

Hex(AA58B0)

Have a look what the booklet for
Hex(AA58B0) contains.

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Color

Hex(AA58B0)

Conversions

Conversions Part 1

Format	Color
Hex	AA58B0
RGB	170, 88, 176
RGB Percent	67%, 35%, 69%
CMY	0.3333, 0.6549, 0.3098
CMYK	0.03, 0.50, 0.00, 0.31
HSL	296°, 36%, 52%
HSV	296°, 50%, 69%
XYZ	27.9038, 18.6601, 43.2054
YIQ	122.5500, 20.6240, 44.7520

Conversions

Conversions Part 2

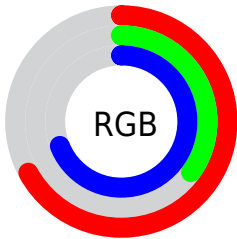
Format	Color
R_{YB}	170, 88, 176
Decimal	11163824
CIE _{Lab}	50.29, 46.59, -32.68
CIE _{LCh}	50, 56.909, 324.953
Yxy	18.6601, 0.3108, 0.2079
Android (android.graphics.Color)	4289353904 (0xFFAA58B0)
YUV	122.5500, 26.3509, 41.6137
Hunter-Lab	43.1973, 39.7086, -29.0629

Details

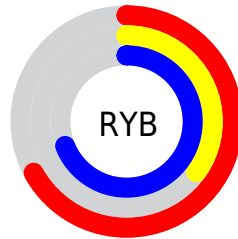
The Hex color **AA58B0** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **5EB058**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **E38DE8**, and **74247B** is the 20% darker color. If you saturate the color by 10%, you get **A946B0**, and if you desaturate by 10%, it is **AB6AB0**.

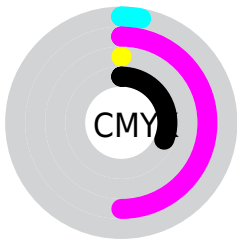
Distribution



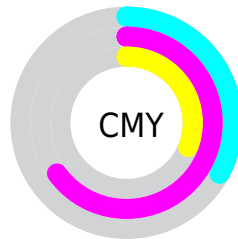
- Red (67%)
- Green (35%)
- Blue (69%)



- Red (67%)
- Yellow (35%)
- Blue (69%)



- Cyan (3%)
- Magenta (50%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA58B0 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 AA58B0 by changing the saturation by 10% instead.

AA58B0

AA58B0

FFFFFF

8E3E95

E38DE8

74247B

FFA8FF

590262

FFC4FF

40004A

FFE1FF

2A0033

FFFEFF

00001C

000000

AA58B0

AA58B0

A946B0

AB6AB0

 A835B0

 AC7BB0

 A623B0

 AE8DB0

 A512B0

 AF9EB0

 A400B0

 B0B0B0

 B1C2B0

 B2D3B0

 B4E5B0

 B5F6B0

Harmonies

Analogous

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



676ED0



AA58B0



C94782

Triad

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



AA58B0



967300



008E9F

Complementary

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



AA58B0



5EB058

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.



008E6E



AA58B0



68810F

Square

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



AA58B0



B95F27



1E8A3C



008AC6

Rectangle

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



AA58B0



CF4862



1E8A3C



008E8F

Sweetspot

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



AA58B0



E3C3E6



585FB0



715E73



F2F2F2



737373

Same Dimension

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



AA58B0



DC5CE6



B0588B



595059



8F0099



18001A

Inverse Universe

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



B0585E



E65C65



58B07D



595051



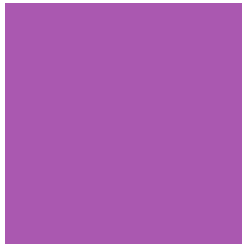
99000A



1A0002

Previews

White Background



This preview shows how the Hex color AA58B0 looks on a white background.

Color Contrast Check

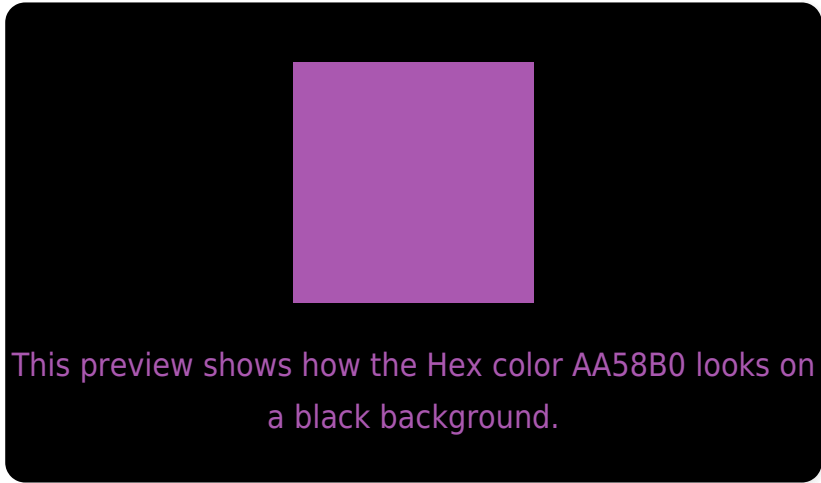
Large Text (above 18pt) WCAG AA ✓ Pass

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

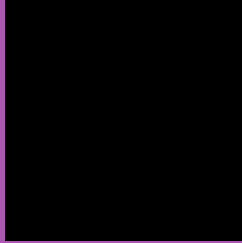
Any Text WCAG AA ✓ Pass

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 AA58B0 Background



This preview shows how black text looks on a background with the Hex color AA58B0.

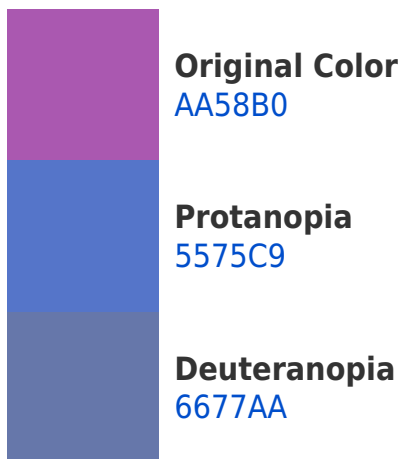



This preview shows how white text looks on a background with the Hex color AA58B0.

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](#).

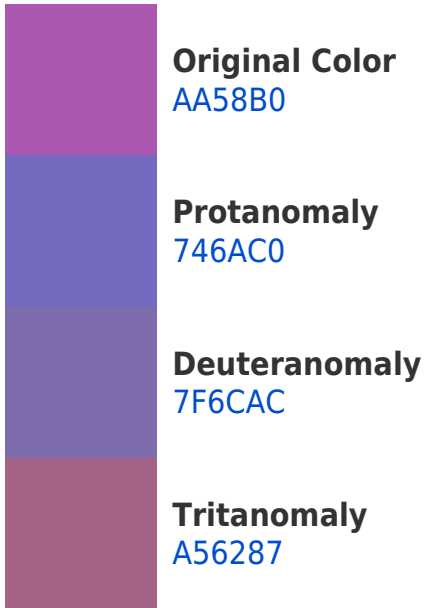
Dichromacy





Tritanopia
A2686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA58B0 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 #AA58B0 looks like.

```
.text, #text, p{  
    color:#AA58B0  
}
```

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 #AA58B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA58B0  
}
```

Border

The CSS property to change the border of an element to Hex AA58B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

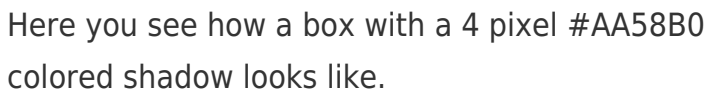
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA58B0 }
```

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

```
.border{ border-color:#AA58B0 }
```

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



Here you see how a box with a 4 pixel #AA58B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA58B0; -webkit-box-shadow:4px 4px  
4px 4px #AA58B0; box-shadow:4px 4px 4px  
4px #AA58B0 }
```

Background

The CSS property to change the background color of an element to Hex AA58B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA58B0 }
```

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

```
.background{ background-color:#AA58B0 }
```

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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