

Converting Colors

Hex(AA38A8)

Have a look what the booklet for
Hex(AA38A8) contains.

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Color

Hex(AA38A8)

Conversions

Conversions Part 1

Format	Color
Hex	AA38A8
RGB	170, 56, 168
RGB Percent	67%, 22%, 66%
CMY	0.3333, 0.7804, 0.3412
CMYK	0.00, 0.67, 0.01, 0.33
HSL	301°, 50%, 44%
HSV	301°, 67%, 67%
XYZ	25.0596, 14.2015, 38.4662
YIQ	102.8540, 31.9920, 59.0000

Conversions

Conversions Part 2

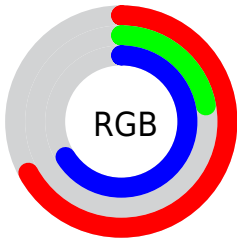
Format	Color
RYB	170, 56, 168
Decimal	11155624
CIELab	44.52, 59.75, -37.04
CIElCh	45, 70.298, 328.205
Yxy	14.2015, 0.3224, 0.1827
Android (android.graphics.Color)	4289345704 (0xFFAA38A8)
YUV	102.8540, 32.1170, 58.8870
Hunter-Lab	37.6849, 52.7498, -34.1397

Details

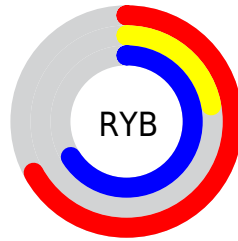
The Hex color **AA38A8** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **38AA3A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **E470E0**, and **720073** is the 20% darker color. If you saturate the color by 10%, you get **AA27A8**, and if you desaturate by 10%, it is **AA49A8**.

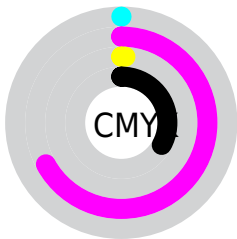
Distribution



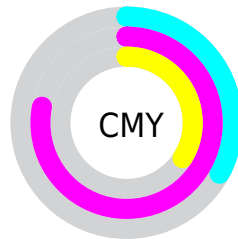
- Red (67%)
- Green (22%)
- Blue (66%)



- Red (67%)
- Yellow (22%)
- Blue (66%)



- Cyan (0%)
- Magenta (67%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (78%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA38A8 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 AA38A8 by changing the saturation by 10% instead.

■ AA38A8

■ AA38A8

FFFFFF

■ 8E178D

■ E470E0

■ 720073

■ FF8CFC

■ 57005A

■ FFA8FF

■ 3D0042

■ FFC4FF

■ 23002B

■ FFE1FF

■ 000115

■ 000000

■ AA38A8

■ AA38A8

■ AA27A8

■ AA49A8

■ AA16A7

■ AA5AA9

■ AA05A7

■ AA6BA9

■ AA00A7

■ AA7CA9

■ AA8DA9

■ AA9EAA

■ AAFAAA

■ AAC0AA

■ AAD1AB

Harmonies

Analogous

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



575BD2



AA38A8



CB116F

Triad

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



AA38A8



836600



00829F

Complementary

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



AA38A8



38AA3A

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.



008264



AA38A8



497600

Square

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



AA38A8



AF4C00



007E25



007ECD

Rectangle

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



AA38A8



CD1A49



007E25



00828C

Sweetspot

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



AA38A8



DEB1DD



3A38AA



705570



F0F0F0



707070

Same Dimension

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



AA38A8



DE2CDB



AA386F



544C54



940091



140014

Inverse Universe

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



AA38A8



DE2CDB



38AA73



544C54



940091



140014

Previews

White Background



This preview shows how the Hex color AA38A8 looks on a white background.

Color Contrast Check

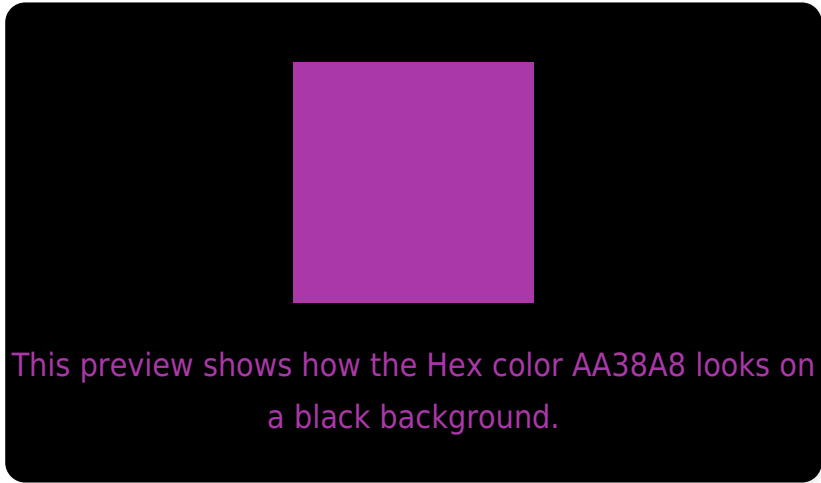
Large Text (above 18pt) WCAG AA ✓ Pass

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

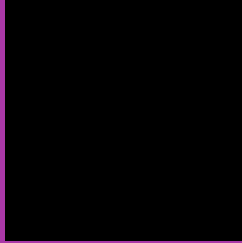
Any Text WCAG AA × Fail

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 AA38A8 Background



This preview shows how black text looks on a background with the Hex color AA38A8.

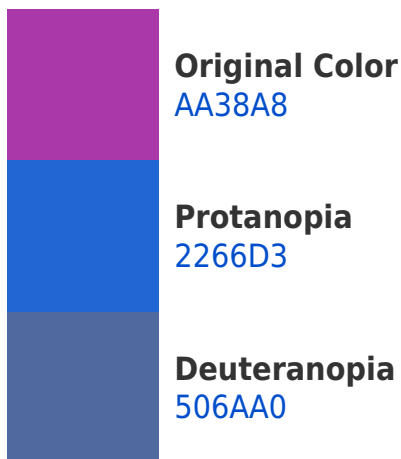


This preview shows how white text looks on a background with the Hex color AA38A8.

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
A15157

Trichromacy



Original Color
AA38A8



Protanomaly
5355C3



Deuteranomaly
7158A3



Tritanomaly
A44874

Monochromacy



Original Color
AA38A8



Achromatopsia
676767



Achromatomaly
7F567F

CSS Examples

Text

The CSS property to change the color of the text to Hex AA38A8 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 #AA38A8 looks like.

```
.text, #text, p{  
    color:#AA38A8  
}
```

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 #AA38A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA38A8
}
```

Border

The CSS property to change the border of an element to Hex AA38A8 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
#AA38A8 }
```

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

```
.border{ border-color:#AA38A8 }
```

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

Here you see how a box with a 4 pixel #AA38A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA38A8; -webkit-box-shadow:4px 4px  
4px 4px #AA38A8; box-shadow:4px 4px 4px  
4px #AA38A8 }
```

Background

The CSS property to change the background color of an element to Hex AA38A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA38A8 }
```

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

```
.background{ background-color:#AA38A8 }
```

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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