

Converting Colors

Hex(A68EA8)

Have a look what the booklet for
Hex(A68EA8) contains.

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Color

Hex(A68EA8)

Conversions

Conversions Part 1

Format	Color
Hex	A68EA8
RGB	166, 142, 168
RGB Percent	65%, 56%, 66%
CMY	0.3490, 0.4431, 0.3412
CMYK	0.01, 0.15, 0.00, 0.34
HSL	295°, 13%, 61%
HSV	295°, 15%, 66%
XYZ	32.4668, 30.2801, 41.1793
YIQ	152.1400, 5.9580, 13.1740

Conversions

Conversions Part 2

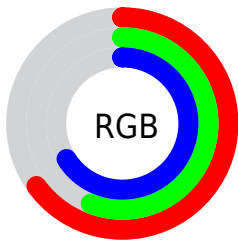
Format	Color
R_{YB}	166, 142, 168
Decimal	10915496
CIE _{Lab}	61.90, 13.76, -10.33
CIE _{LCh}	62, 17.210, 323.106
Yxy	30.2801, 0.3124, 0.2914
Android (android.graphics.Color)	4289105576 (0xFFA68EA8)
YUV	152.1400, 7.8190, 12.1552
Hunter-Lab	55.0274, 9.0190, -5.8500

Details

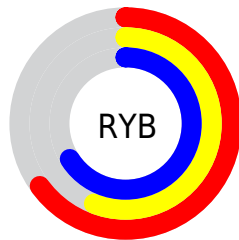
The Hex color **A68EA8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **90A88E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **DDC4DF**, and **725C74** is the 20% darker color. If you saturate the color by 10%, you get **A57DA8**, and if you desaturate by 10%, it is **A79FA8**.

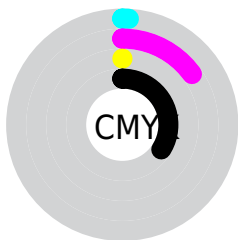
Distribution



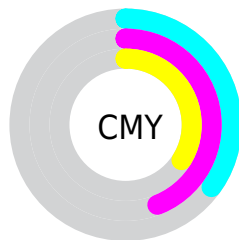
- Red (65%)
- Green (56%)
- Blue (66%)



- Red (65%)
- Yellow (56%)
- Blue (66%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color A68EA8 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 A68EA8 by changing the saturation by 10% instead.

 A68EA8

 A68EA8

FFFFFF

 8C748E

 DDC4DF

 725C74

 FAE0FC

 59445B

 FFFCFE

 422E44

 2B192E

 180019

 000000

 A68EA8

 A68EA8

 A57DA8

 A79FA8

 A36CA8

 A9B0A8

 A25CA8

 AAC0A8

 A14BA8

 ABD1A8

 A03AA8

 ACE2A8

 9E29A8

 AEF3A8

 9D18A8

 AFFFA8

 9C08A8

 B0FFA8

 9B00A8

 B2FFA8

Harmonies

Analogous

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



9493B1



A68EA8



B28B9A

Triad

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



A68EA8



A59378



6C9EA1

Complementary

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



A68EA8



90A88E

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.



749E91



A68EA8



959879

Square

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



A68EA8



B18E7E



839C83



709CAD

Rectangle

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



A68EA8



B58B8F



839C83



6E9E9C

Sweetspot

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



A68EA8



DAD0DB



8E90A8



6D676E



EDEDED



6E6E6E

Same Dimension

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



A68EA8



D8B2DB



A88E9D



544C54



890094



130014

Inverse Universe

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



A88E90



DBB2B5



8EA899



544C4C



94000B



140002

Previews

White Background



This preview shows how the Hex color A68EA8 looks on a white background.

Color Contrast Check

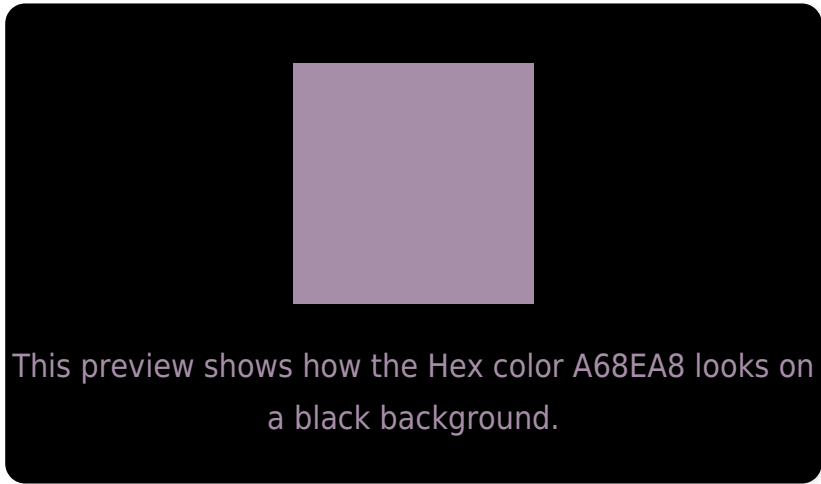
Large Text (above 18pt) WCAG AA × Fail

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

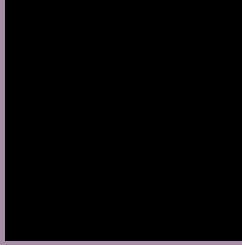
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex A68EA8 Background



This preview shows how black text looks on a background with the Hex color A68EA8.



This preview shows how white text looks on a background with the Hex color A68EA8.

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



Original Color
A68EA8

Protanopia
9294AC

Deuteranopia
9C92A7



Tritanopia
A4909B

Trichromacy



Original Color
A68EA8

Protanomaly
9992AB

Deuteranomaly
A091A7

Tritanomaly
A58FA0

Monochromacy



Original Color
A68EA8

Achromatopsia
989898

Achromatomaly
9D949E

CSS Examples

Text

The CSS property to change the color of the text to Hex A68EA8 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 #A68EA8 looks like.

```
.text, #text, p{  
    color:#A68EA8  
}
```

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 #A68EA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68EA8  
}
```

Border

The CSS property to change the border of an element to Hex A68EA8 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  
#A68EA8 }
```

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

```
.border{ border-color:#A68EA8 }
```

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

Here you see how a box with a 4 pixel #A68EA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68EA8; -webkit-box-shadow:4px 4px  
4px 4px #A68EA8; box-shadow:4px 4px 4px  
4px #A68EA8 }
```

Background

The CSS property to change the background color of an element to Hex A68EA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68EA8 }
```

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

```
.background{ background-color:#A68EA8 }
```

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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