

Converting Colors

Hex(A6008A)

Have a look what the booklet for
Hex(A6008A) contains.

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Color

Hex(A6008A)

Conversions

Conversions Part 1

Format	Color
Hex	A6008A
RGB	166, 0, 138
RGB Percent	65%, 0%, 54%
CMY	0.3490, 1.0000, 0.4588
CMYK	0.00, 1.00, 0.17, 0.35
HSL	310°, 100%, 33%
HSV	310°, 100%, 65%
XYZ	20.3133, 9.9420, 24.8931
YIQ	65.3660, 54.6380, 78.1100

Conversions

Conversions Part 2

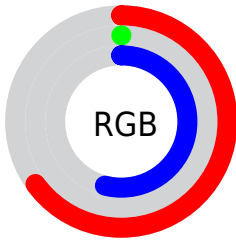
Format	Color
R_{YB}	166, 0, 138
Decimal	10879114
CIE _{Lab}	37.74, 67.31, -29.64
CIE _{LCh}	38, 73.548, 336.233
Yxy	9.9420, 0.3683, 0.1803
Android (android.graphics.Color)	4289069194 (0xFFA6008A)
YUV	65.3660, 35.8086, 88.2560
Hunter-Lab	31.5309, 59.8171, -24.7369

Details

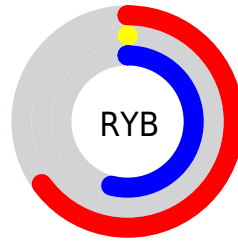
The Hex color **A6008A** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00A61C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **E151C0**, and **6D0058** is the 20% darker color. If you saturate the color by 10%, you get **A6008A**, and if you desaturate by 10%, it is **A6118D**.

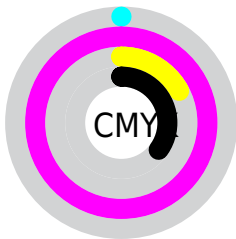
Distribution



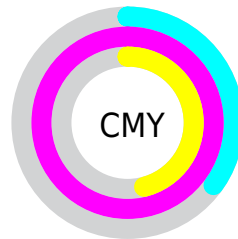
- Red (65%)
- Green (0%)
- Blue (54%)



- Red (65%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6008A 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 A6008A by changing the saturation by 10% instead.

 A6008A

 A6008A

FFFFFF

 890070

 E151C0

 6D0058

 FF6EDC

 510040

 FF8BF9

 38002A

 FFA8FF

 170013

 FFC5FF

 000000

 FFE2FF

 A6008A

 A6118D

 A62190

 A63292

 A64295

 A65398

 A6649B

 A6749E

 A685A0

 A695A3

Harmonies

Analogous

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



6241BA



A6008A



BC004F

Triad

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



A6008A



625B00



00709F

Complementary

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



A6008A



00A61C

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.



007064



A6008A



186800

Square

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



A6008A



924200



006E24



006CC7

Rectangle

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



A6008A



B80029



006E24



00718C

Sweetspot

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



A6008A



D998CE



1C00A6



6E4667



EDEDED



6E6E6E

Same Dimension

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



A6008A



D900B4



A60037



544C53



94007B



140011

Inverse Universe

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



A6008A



D900B4



00A66F



544C53



94007B



140011

Previews

White Background



This preview shows how the Hex color A6008A looks on a white background.

Color Contrast Check

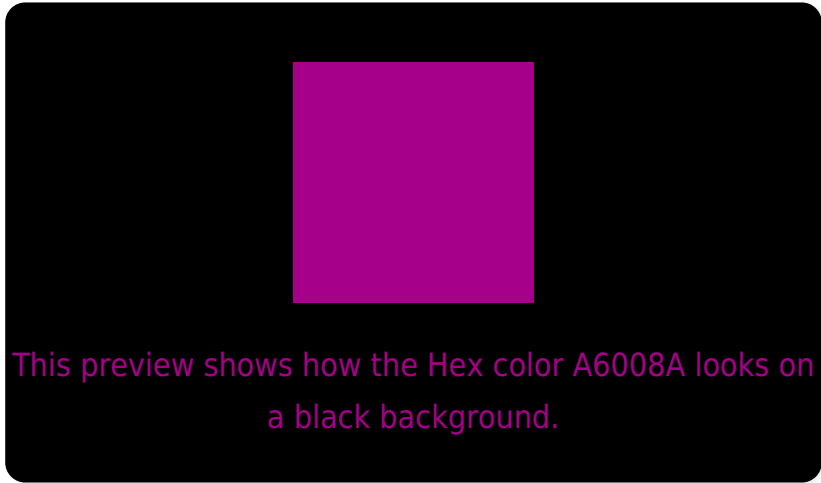
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

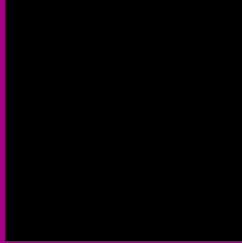
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex A6008A Background



This preview shows how black text looks on a background with the Hex color A6008A.



This preview shows how white text looks on a background with the Hex color A6008A.

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
9F3639

Trichromacy



Original Color
A6008A



Protanomaly
3C38AA



Deuteranomaly
6E3A84



Tritanomaly
A22256

Monochromacy



Original Color
A6008A



Achromatopsia
414141



Achromatomaly
66295C

CSS Examples

Text

The CSS property to change the color of the text to Hex A6008A 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 #A6008A looks like.

```
.text, #text, p{  
    color:#A6008A  
}
```

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 #A6008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6008A
}
```

Border

The CSS property to change the border of an element to Hex A6008A is called "border". The border property can be set on classes, ids or directly on the HTML element.

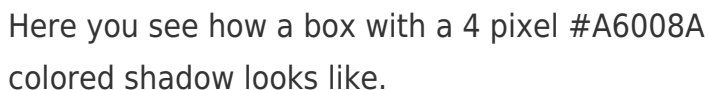
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6008A }
```

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

```
.border{ border-color:#A6008A }
```

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



Here you see how a box with a 4 pixel #A6008A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6008A; -webkit-box-shadow:4px 4px  
4px 4px #A6008A; box-shadow:4px 4px 4px  
4px #A6008A }
```

Background

The CSS property to change the background color of an element to Hex A6008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6008A }
```

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

```
.background{ background-color:#A6008A }
```

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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