

Converting Colors

Hex(AA0042)

Have a look what the booklet for
Hex(AA0042) contains.

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Color

Hex(AA0042)

Conversions

Conversions Part 1

Format	Color
Hex	AA0042
RGB	170, 0, 66
RGB Percent	67%, 0%, 26%
CMY	0.3333, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.61, 0.33
HSL	337°, 100%, 33%
HSV	337°, 100%, 67%
XYZ	17.5609, 8.9394, 5.9542
YIQ	58.3540, 80.1340, 56.5660

Conversions

Conversions Part 2

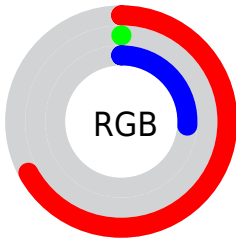
Format	Color
R_{YB}	170, 0, 66
Decimal	11141186
CIE _{Lab}	35.87, 61.21, 13.51
CIE _{LCh}	36, 62.686, 12.449
Yxy	8.9394, 0.5411, 0.2754
Android (android.graphics.Color)	4289331266 (0xFFAA0042)
YUV	58.3540, 3.7695, 97.9135
Hunter-Lab	29.8988, 52.5182, 9.1219

Details

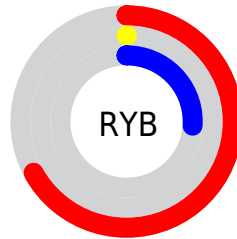
The Hex color **AA0042** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00AA68**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **E74F71**, and **6E0018** is the 20% darker color. If you saturate the color by 10%, you get **AA0042**, and if you desaturate by 10%, it is **AA114C**.

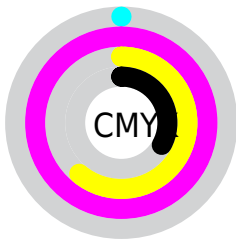
Distribution



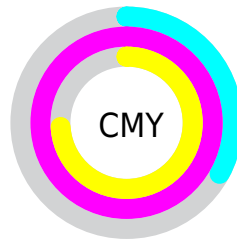
- Red (67%)
- Green (0%)
- Blue (26%)



- Red (67%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA0042 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 AA0042 by changing the saturation by 10% instead.

■ AA0042

■ AA0042

FFFFFF

■ 8C002C

■ E74F71

■ 6E0018

■ FF6B8B

■ 510001

■ FF88A5

■ 340002

■ FFA4C0

■ 010000

■ FFC1DC

■ 000000

■ FFDEF8

■ FFFCFF

■ AA0042

 AA114C

 AA2257

 AA3361

 AA446C

 AA5576

 AA6680

 AA778B

 AA8895

 AA99A0

Harmonies

Analogous

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



9D1574



AA0042



9D2A10

Triad

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



AA0042



0D6300



0062B5

Complementary

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



AA0042



00AA68

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.



006898



AA0042



006834

Square

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



AA0042



555900



006969



0054B8

Rectangle

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



AA0042



8B3F00



006969



0065AE

Sweetspot

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



AA0042



DE9BB5



6600AA



704857



F0F0F0



707070

Same Dimension

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



AA0042



DE0056



AA1100



544C4F



940039



140008

Inverse Universe

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



AA0042



DE0056



0099AA



544C4F



940039



140008

Previews

White Background



This preview shows how the Hex color AA0042 looks on a white background.

Color Contrast Check

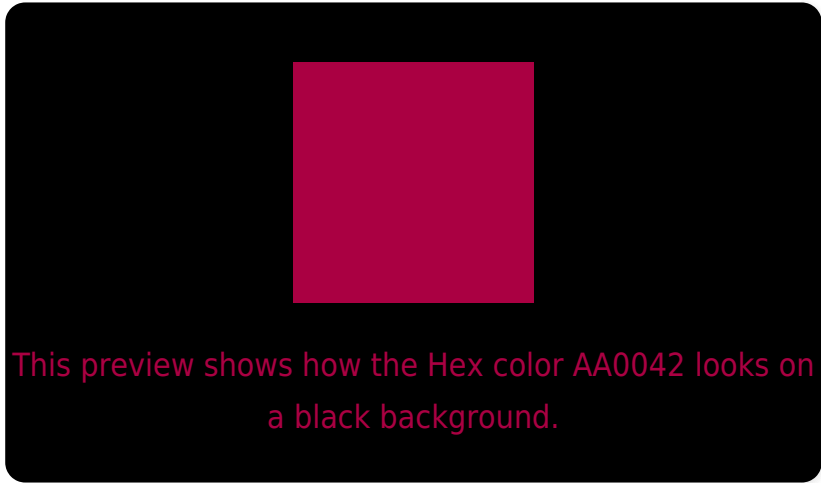
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA0042 Background



This preview shows how black text looks on a background with the Hex color AA0042.

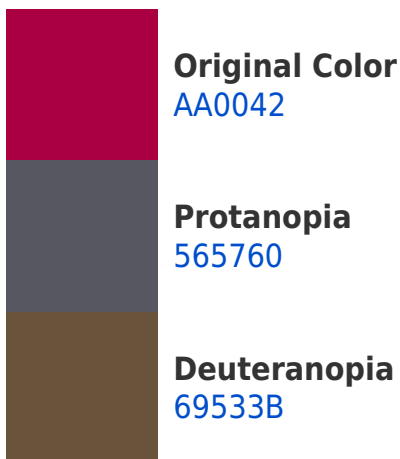


This preview shows how white text looks on a background with the Hex color AA0042.

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
A91A19

Trichromacy



Original Color
AA0042

Protanomaly
753755

Deuteranomaly
81353E

Tritanomaly
A91128

Monochromacy



Original Color
AA0042

Achromatopsia
3A3A3A

Achromatomaly
63253D

CSS Examples

Text

The CSS property to change the color of the text to Hex AA0042 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 #AA0042 looks like.

```
.text, #text, p{  
    color:#AA0042  
}
```

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 #AA0042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA0042
}
```

Border

The CSS property to change the border of an element to Hex AA0042 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".

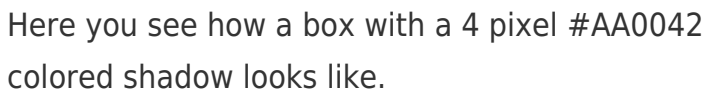
```
.border, #border, table{ border:4px solid
#AA0042 }
```

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

```
.border{ border-color:#AA0042 }
```

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

Here you see how a box with a 4 pixel #AA0042 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA0042; -webkit-box-shadow:4px 4px  
4px 4px #AA0042; box-shadow:4px 4px 4px  
4px #AA0042 }
```

Background

The CSS property to change the background color of an element to Hex AA0042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA0042 }
```

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

```
.background{ background-color:#AA0042 }
```

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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