

Converting Colors

Hex(AC0062)

Have a look what the booklet for
Hex(AC0062) contains.

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Color

Hex(AC0062)

Conversions

Conversions Part 1

Format	Color
Hex	AC0062
RGB	172, 0, 98
RGB Percent	67%, 0%, 38%
CMY	0.3255, 1.0000, 0.6157
CMYK	0.00, 1.00, 0.43, 0.33
HSL	326°, 100%, 34%
HSV	326°, 100%, 67%
XYZ	19.2179, 9.6525, 12.4055
YIQ	62.6000, 71.0540, 66.9420

Conversions

Conversions Part 2

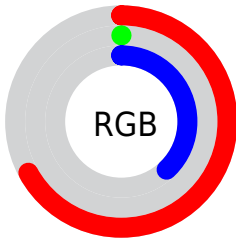
Format	Color
R_{YB}	172, 0, 98
Decimal	11272290
CIE _{Lab}	37.21, 64.11, -5.21
CIE _{LCh}	37, 64.319, 355.350
Yxy	9.6525, 0.4656, 0.2339
Android (android.graphics.Color)	4289462370 (0xFFAC0062)
YUV	62.6000, 17.4522, 95.9438
Hunter-Lab	31.0685, 56.0440, -1.9263

Details

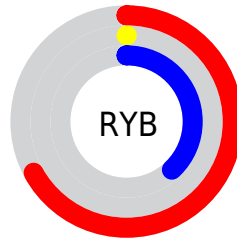
The Hex color **AC0062** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00AC4A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **E85095**, and **720034** is the 20% darker color. If you saturate the color by 10%, you get **AC0062**, and if you desaturate by 10%, it is **AC1169**.

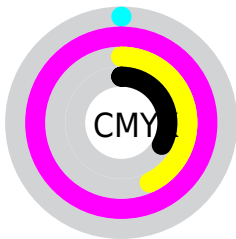
Distribution



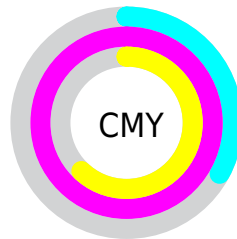
- Red (67%)
- Green (0%)
- Blue (38%)



- Red (67%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC0062 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 AC0062 by changing the saturation by 10% instead.

 AC0062

 AC0062

FFFFFF

 8F004A

 E85095

 720034

 FF6DAF

 55001F

 FF8ACB

 3B0003

 FFA7E7

 140000

 FFC4FF

 000000

 FFE1FF

 AC0062

 AC1169

 AC2271

 AC3478

 AC4580

 AC5687

 AC678E

 AC7896

 AC8A9D

 AC9BA5

Harmonies

Analogous

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



8C2E93



AC0062



AD152F

Triad

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



AC0062



416100



006AAD

Complementary

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



AC0062



00AC4A

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.



006D83



AC0062



006914

Square

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



AC0062



725300



006D4E



0061C0

Rectangle

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



AC0062



A1300A



006D4E



006CA1

Sweetspot

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



AC0062



E09DC3



4800AC



70485F



F0F0F0



707070

Same Dimension

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



AC0062



E00080



AC000E



574E53



960056



17000D

Inverse Universe

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



AC0062



E00080



00AC9E



574E53



960056



17000D

Previews

White Background



This preview shows how the Hex color AC0062 looks on a white background.

Color Contrast Check

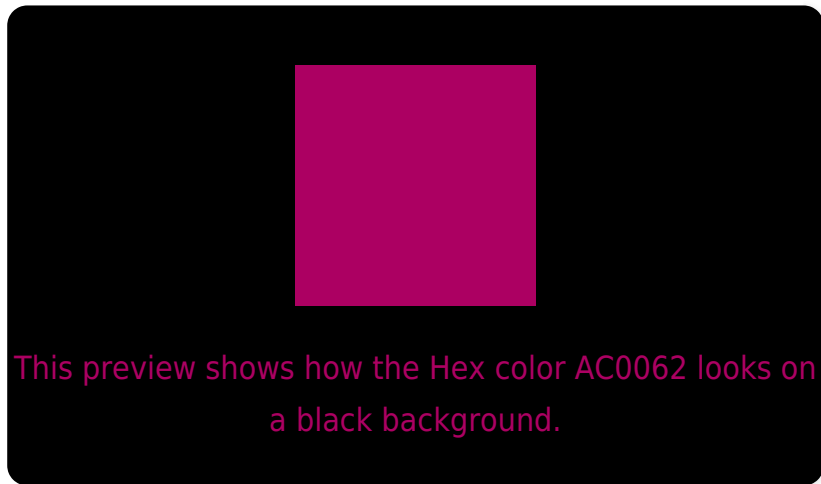
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC0062 Background



This preview shows how black text looks on a background with the Hex color AC0062.




This preview shows how white text looks on a background with the Hex color AC0062.

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



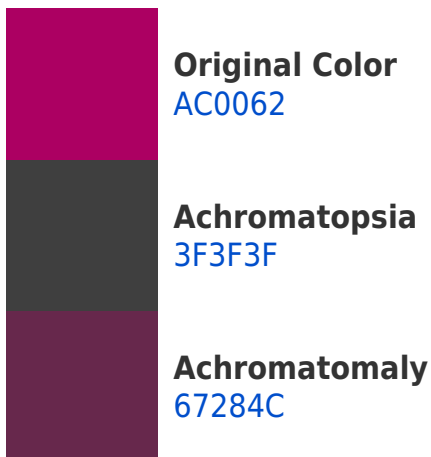


Tritanopia
A92728

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC0062 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 #AC0062 looks like.

```
.text, #text, p{  
    color:#AC0062  
}
```

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 #AC0062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC0062
}
```

Border

The CSS property to change the border of an element to Hex AC0062 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".

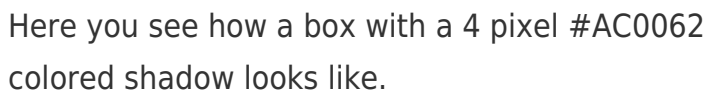
```
.border, #border, table{ border:4px solid
#AC0062 }
```

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

```
.border{ border-color:#AC0062 }
```

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

Here you see how a box with a 4 pixel #AC0062 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC0062; -webkit-box-shadow:4px 4px  
4px 4px #AC0062; box-shadow:4px 4px 4px  
4px #AC0062 }
```

Background

The CSS property to change the background color of an element to Hex AC0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC0062 }
```

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

```
.background{ background-color:#AC0062 }
```

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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