

# Converting Colors

Hex(AC2078)

Have a look what the booklet for  
Hex(AC2078) contains.

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# Color

**Hex(AC2078)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC2078
RGB	172, 32, 120
RGB Percent	67%, 13%, 47%
CMY	0.3255, 0.8745, 0.5294
CMYK	0.00, 0.81, 0.30, 0.33
HSL	322°, 69%, 40%
HSV	322°, 81%, 67%
XYZ	20.9199, 11.1597, 18.8207
YIQ	83.8920, 55.1920, 57.0480

# Conversions

## Conversions Part 2

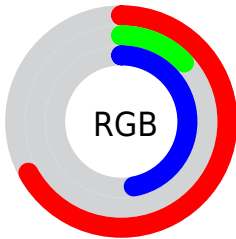
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 32, 120
Decimal	11280504
CIE <sub>Lab</sub>	39.85, 61.16, -15.12
CIE <sub>LCh</sub>	40, 63.003, 346.115
Yxy	11.1597, 0.4110, 0.2192
Android (android.graphics.Color)	4289470584 (0xFFAC2078)
YUV	83.8920, 17.8012, 77.2707
Hunter-Lab	33.4062, 53.3210, -10.0191

# Details

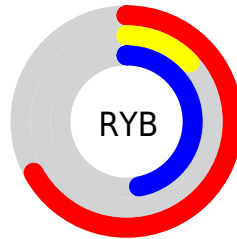
The Hex color **AC2078** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **20AC54**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **E75EAC**, and **730047** is the 20% darker color. If you saturate the color by 10%, you get **AC0F72**, and if you desaturate by 10%, it is **AC317E**.

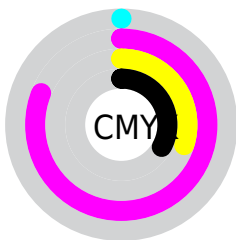
# Distribution



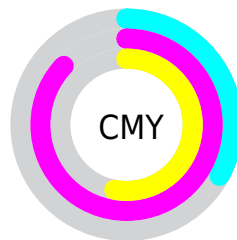
- Red (67%)
- Green (13%)
- Blue (47%)



- Red (67%)
- Yellow (13%)
- Blue (47%)



- Cyan (0%)
- Magenta (81%)
- Yellow (30%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC2078 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 AC2078 by changing the saturation by 10% instead.



 AC2078

 AC2078

FFFFFF

 8F005F

 E75EAC

 730047

 FF7AC8

 570031

 FF96E4

 3E001C

 FFB3FF

 1F0001

 FFCFFF

 000000

 FFEDFF

 AC2078

 AC2078

 AC0F72

 AC317E

■ AC006C

■ AC4285

■ AC548B

■ AC6592

■ AC7698

■ AC879E

■ AC98A5

■ ACAAAB

■ ACBBB1

# Harmonies

## Analogous

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



8141A6



AC2078



B61B45

# Triad

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



AC2078



596400



0072A8

# Complementary

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



AC2078



20AC54

# 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.



007479



AC2078



076E04

# Square

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



AC2078



865300



007243



006BC3

# Rectangle

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



AC2078



AE2E24



007243



00739A



# Sweetspot

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



AC2078



E0ABCC



5320AC



705064



F0F0F0



707070



# Same Dimension

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



AC2078



E0048F



AC2033



574E53



96005F



17000E



# Inverse Universe

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



AC2078



E0048F



20AC99



574E53



96005F



17000E



# Previews

## White Background



This preview shows how the Hex color AC2078 looks on a white background.

## Color Contrast Check

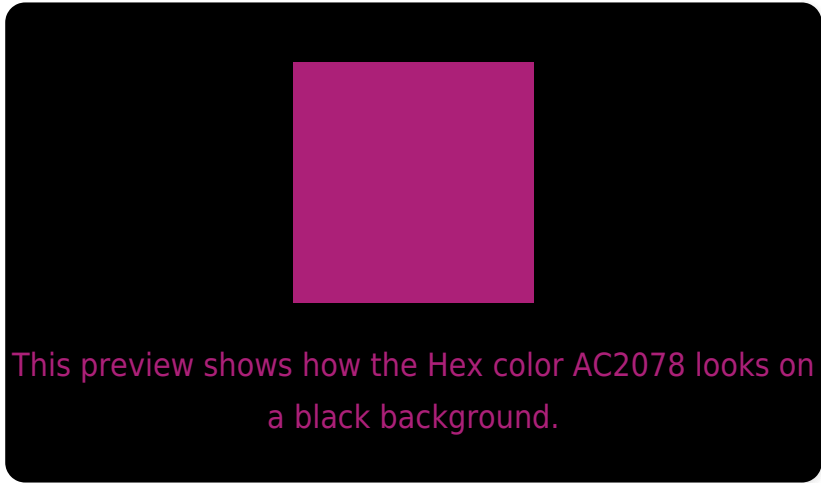
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC2078 Background



This preview shows how black text looks on a background with the Hex color AC2078.

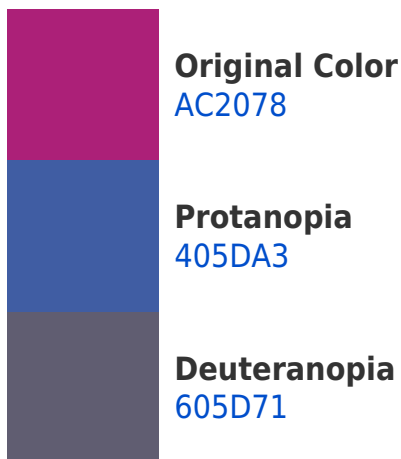


This preview shows how white text looks on a background with the Hex color AC2078.

# 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





# Trichromacy



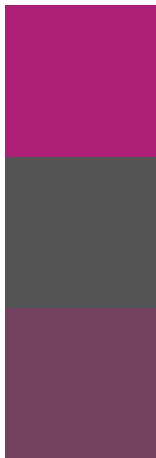
**Original Color**  
AC2078

**Protanomaly**  
674793

**Deuteranomaly**  
7C4774

**Tritanomaly**  
A92E50

# Monochromacy



**Original Color**  
AC2078

**Achromatopsia**  
545454

**Achromatomaly**  
744161

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC2078 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 #AC2078 looks like.

```
.text, #text, p{  
    color:#AC2078  
}
```

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 #AC2078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC2078  
}
```

## Border

The CSS property to change the border of an element to Hex AC2078 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  
#AC2078 }
```

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

```
.border{ border-color:#AC2078 }
```

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

Here you see how a box with a 4 pixel #AC2078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC2078; -webkit-box-shadow:4px 4px  
4px 4px #AC2078; box-shadow:4px 4px 4px  
4px #AC2078 }
```

# Background

The CSS property to change the background color of an element to Hex AC2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC2078 }
```

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

```
.background{ background-color:#AC2078 }
```

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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