

# Converting Colors

Hex(AC1051)

Have a look what the booklet for  
Hex(AC1051) contains.

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# Color

**Hex(AC1051)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC1051
RGB	172, 16, 81
RGB Percent	67%, 6%, 32%
CMY	0.3255, 0.9373, 0.6824
CMYK	0.00, 0.91, 0.53, 0.33
HSL	335°, 83%, 37%
HSV	335°, 91%, 67%
XYZ	18.6838, 9.7353, 8.6789
YIQ	70.0540, 72.1110, 53.2870

# Conversions

## Conversions Part 2

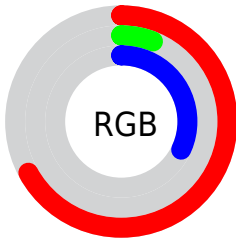
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 16, 81
Decimal	11276369
CIE <sub>Lab</sub>	37.36, 60.71, 5.93
CIE <sub>LCh</sub>	37, 60.998, 5.581
Yxy	9.7353, 0.5036, 0.2624
Android (android.graphics.Color)	4289466449 (0xFFAC1051)
YUV	70.0540, 5.3964, 89.4066
Hunter-Lab	31.2015, 52.2850, 5.3490

# Details

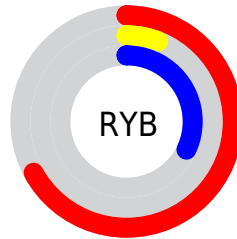
The Hex color **AC1051** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **10AC6B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **E95582**, and **710025** is the 20% darker color. If you saturate the color by 10%, you get **AC0048**, and if you desaturate by 10%, it is **AC215B**.

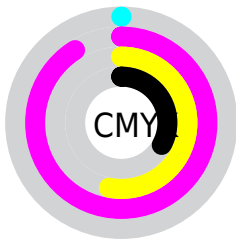
# Distribution



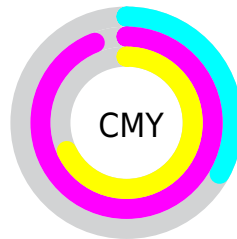
- Red (67%)
- Green (6%)
- Blue (32%)



- Red (67%)
- Yellow (6%)
- Blue (32%)



- Cyan (0%)
- Magenta (91%)
- Yellow (53%)
- Black (33%)



- Cyan (33%)
- Magenta (94%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC1051 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 AC1051 by changing the saturation by 10% instead.



 AC1051

 AC1051

FFFFFF

 8E003A

 E95582

 710025

 FF719C

 540010

 FF8DB7

 390002

 FFAAD2

 0F0000

 FFC6EF

 000000

 FFE4FF

 AC1051

 AC1051

 AC0048

 AC215B

 AC3265

 AC446F

 AC5579

 AC6683

 AC778D

 AC8897

 AC9AA1

 ACABAB

# Harmonies

## Analogous

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



982782



AC1051



A52921

# Triad

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



AC1051



2D6500



0068B2

# Complementary

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



AC1051



10AC6B

# 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.



006C90



AC1051



006A2C

# Square

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



AC1051



645900



006D60



005CBB

# Rectangle

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



AC1051



953D00



006D60



006AA9



# Sweetspot

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



AC1051



E0A4BD



6B10AC



704C5B



F0F0F0



707070



# Same Dimension

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



AC1051



E0005D



AC1D10



574E52



96003F



17000A



# Inverse Universe

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



AC1051



E0005D



109FAC



574E52



96003F



17000A



# Previews

## White Background



This preview shows how the Hex color AC1051 looks on a white background.

## Color Contrast Check

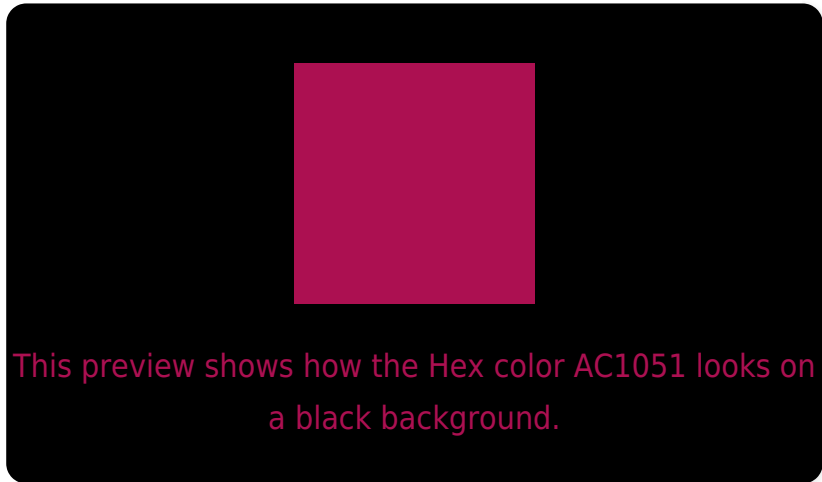
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC1051 Background



This preview shows how black text looks on a background with the Hex color AC1051.

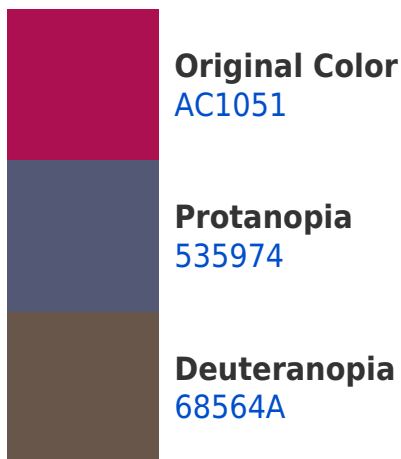


This preview shows how white text looks on a background with the Hex color AC1051.

# 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**  
AC1051

**Protanomaly**  
733E67

**Deuteranomaly**  
813D4D

**Tritanomaly**  
AB1C34

# Monochromacy



**Original Color**  
AC1051

**Achromatopsia**  
464646

**Achromatomaly**  
6B324A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC1051 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 #AC1051 looks like.

```
.text, #text, p{  
    color:#AC1051  
}
```

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 #AC1051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC1051
}
```

## Border

The CSS property to change the border of an element to Hex AC1051 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
#AC1051 }
```

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

```
.border{ border-color:#AC1051 }
```

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

Here you see how a box with a 4 pixel #AC1051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC1051; -webkit-box-shadow:4px 4px  
4px 4px #AC1051; box-shadow:4px 4px 4px  
4px #AC1051 }
```

# Background

The CSS property to change the background color of an element to Hex AC1051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC1051 }
```

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

```
.background{ background-color:#AC1051 }
```

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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