

Converting Colors

Hex(AE0277)

Have a look what the booklet for
Hex(AE0277) contains.

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Color

Hex(AE0277)

Conversions

Conversions Part 1

Format	Color
Hex	AE0277
RGB	174, 2, 119
RGB Percent	68%, 1%, 47%
CMY	0.3176, 0.9922, 0.5333
CMYK	0.00, 0.99, 0.32, 0.32
HSL	319°, 98%, 35%
HSV	319°, 99%, 68%
XYZ	20.8070, 10.3740, 18.3585
YIQ	66.7660, 64.9550, 72.8510

Conversions

Conversions Part 2

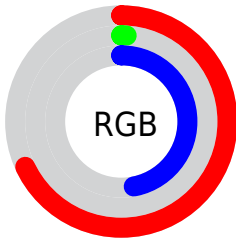
Format	Color
R _Y B	174, 2, 119
Decimal	11403895
CIE Lab	38.51, 66.41, -16.51
CIE LCh	39, 68.428, 346.034
Yxy	10.3740, 0.4200, 0.2094
Android (android.graphics.Color)	4289593975 (0xFFAE0277)
YUV	66.7660, 25.7514, 94.0442
Hunter-Lab	32.2087, 58.9471, -11.2484

Details

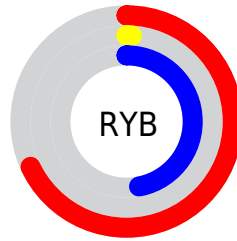
The Hex color **AE0277** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **02AE39**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **EA52AB**, and **740046** is the 20% darker color. If you saturate the color by 10%, you get **AE0076**, and if you desaturate by 10%, it is **AE137D**.

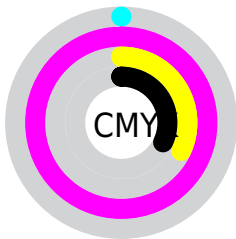
Distribution



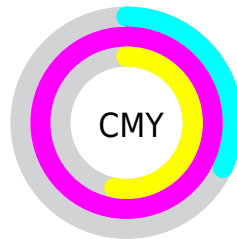
- Red (68%)
- Green (1%)
- Blue (47%)



- Red (68%)
- Yellow (1%)
- Blue (47%)



- Cyan (0%)
- Magenta (99%)
- Yellow (32%)
- Black (32%)



- Cyan (32%)
- Magenta (99%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE0277 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 AE0277 by changing the saturation by 10% instead.

 AE0277

 AE0277

FFFFFF

 91005E

 EA52AB

 740046

 FF70C7

 580030

 FF8CE3

 3E001B

 FFA9FF

 1E0001

 FFC6FF

 000000

 FFE4FF

 AE0277

 AE0277

 AE0076

 AE137D

 AE2582

 AE3688

 AE488D

 AE5993

 AE6A98

 AE7C9E

 AE8DA4

 AE9FA9

Harmonies

Analogous

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



7F39A9



AE0277



B80040

Triad

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



AE0277



546100



0070AA

Complementary

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



AE0277



02AE39

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.



007278



AE0277



006B00

Square

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



AE0277



844F00



00703E



0069C8

Rectangle

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



AE0277



B0211C



00703E



00719B

Sweetspot

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



AE0277



E39FCD



3802AE



734966



F2F2F2



737373

Same Dimension

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



AE0277



E3009A



AE0222



574E54



960066



170010

Inverse Universe

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



AE0277



E3009A



02AE8E



574E54



960066



170010

Previews

White Background



This preview shows how the Hex color AE0277 looks on a white background.

Color Contrast Check

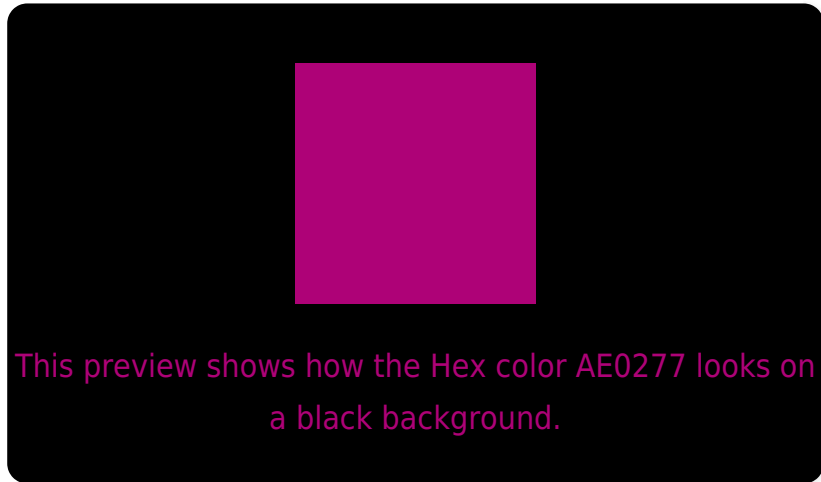
Large Text (above 18pt) WCAG AA ✓ Pass

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

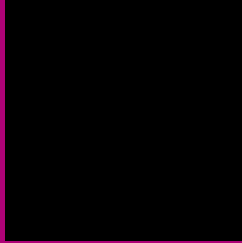
Any Text WCAG AA × Fail

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 AE0277 Background



This preview shows how black text looks on a background with the Hex color AE0277.



This preview shows how white text looks on a background with the Hex color AE0277.

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
A92F31

Trichromacy



Original Color
AE0277



Protanomaly
623B97



Deuteranomaly
7A3B72

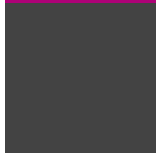


Tritanomaly
AB1F4A

Monochromacy



Original Color
AE0277



Achromatopsia
434343



Achromatomaly
6A2B56

CSS Examples

Text

The CSS property to change the color of the text to Hex AE0277 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 #AE0277 looks like.

```
.text, #text, p{  
    color:#AE0277  
}
```

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 #AE0277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE0277
}
```

Border

The CSS property to change the border of an element to Hex AE0277 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
#AE0277 }
```

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

```
.border{ border-color:#AE0277 }
```

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

Here you see how a box with a 4 pixel #AE0277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE0277; -webkit-box-shadow:4px 4px  
4px 4px #AE0277; box-shadow:4px 4px 4px  
4px #AE0277 }
```

Background

The CSS property to change the background color of an element to Hex AE0277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE0277 }
```

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

```
.background{ background-color:#AE0277 }
```

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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