

# Converting Colors

Hex(A1006E)

Have a look what the booklet for  
Hex(A1006E) contains.

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**Color**

**Hex(A1006E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1006E
RGB	161, 0, 110
RGB Percent	63%, 0%, 43%
CMY	0.3686, 1.0000, 0.5686
CMYK	0.00, 1.00, 0.32, 0.37
HSL	319°, 100%, 32%
HSV	319°, 100%, 63%
XYZ	17.5124, 8.7029, 15.5087
YIQ	60.6790, 60.6460, 68.3420

# Conversions

## Conversions Part 2

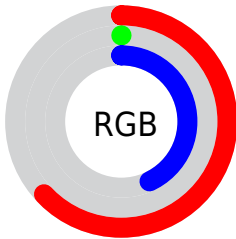
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 0, 110
Decimal	10551406
CIE <sub>Lab</sub>	35.41, 62.94, -15.82
CIE <sub>LCh</sub>	35, 64.896, 345.893
Yxy	8.7029, 0.4197, 0.2086
Android (android.graphics.Color)	4288741486 (0xFFA1006E)
YUV	60.6790, 24.3153, 87.9815
Hunter-Lab	29.5006, 54.3367, -10.5187

# Details

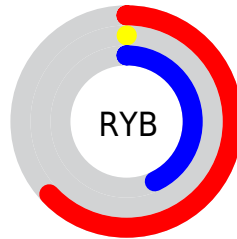
The Hex color **A1006E** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00A133**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **DC4FA2**, and **68003E** is the 20% darker color. If you saturate the color by 10%, you get **A1006E**, and if you desaturate by 10%, it is **A11073**.

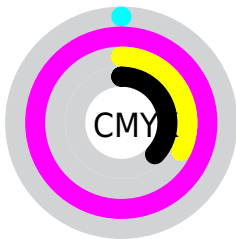
# Distribution



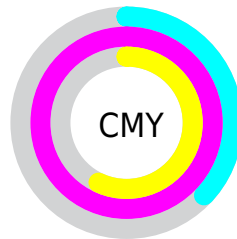
- Red (63%)
- Green (0%)
- Blue (43%)



- Red (63%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (37%)



- Cyan (37%)
- Magenta (100%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1006E 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 A1006E by changing the saturation by 10% instead.



 A1006E

 A1006E

FFFFFF

 840056

 DC4FA2

 68003E

 FA6BBD

 4C0028

 FF88D9

 320013

 FFA4F5

 000000

 FFC1FF

 FFDEFF

 FFFCFF

 A1006E

 A11073

 A12078

 A1307D

 A14082

 A15187

 A1618D

 A17192

 A18197

 A1919C

# Harmonies

## Analogous

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



75349D



A1006E



AB003B

# Triad

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



A1006E



4D5900



00679E

# Complementary

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



A1006E



00A133

# 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.



00696E



A1006E



006300

# Square

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



A1006E



7A4800



006738



0061B9

# Rectangle

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



A1006E



A31D19



006738



00688F



# Sweetspot

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



A1006E



D192BD



3300A1



69435D



E8E8E8



696969



# Same Dimension

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



A1006E



D1008F



A1001E



52494F



910063



12000C



# Inverse Universe

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



A1006E



D1008F



00A183



52494F



910063



12000C



# Previews

## White Background



This preview shows how the Hex color A1006E looks on a white background.

## Color Contrast Check

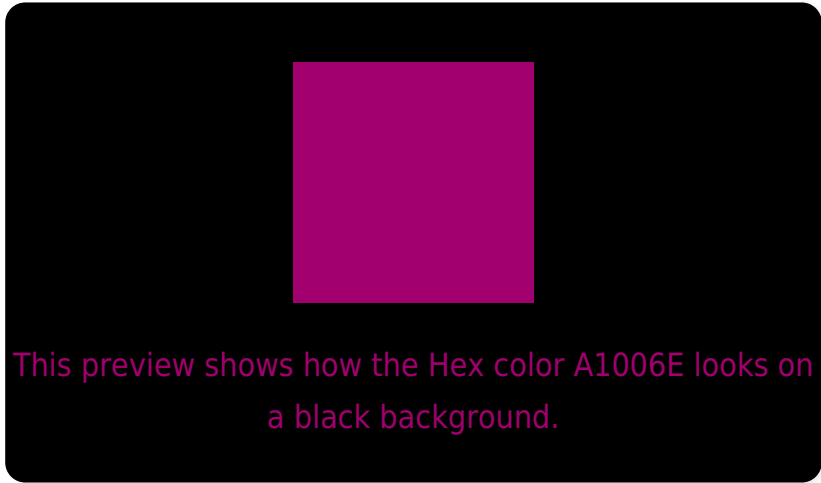
Large Text (above 18pt) WCAG AA ✓ Pass

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

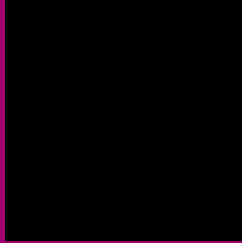
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A1006E Background



This preview shows how black text looks on a background with the Hex color A1006E.

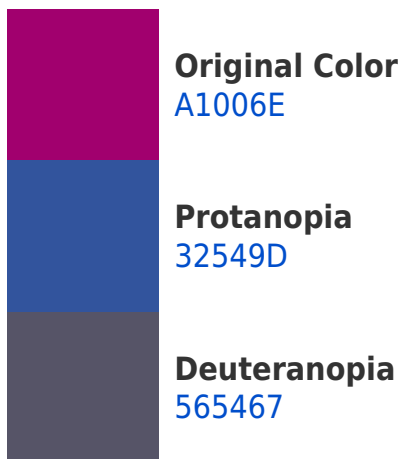


This preview shows how white text looks on a background with the Hex color A1006E.

# 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**  
9D2B2D

# Trichromacy



**Original Color**  
A1006E

**Protanomaly**  
5A358C

**Deuteranomaly**  
71356A

**Tritanomaly**  
9E1B45

# Monochromacy



**Original Color**  
A1006E

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
61274F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1006E 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 #A1006E looks like.

```
.text, #text, p{  
    color:#A1006E  
}
```

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 #A1006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1006E
}
```

## Border

The CSS property to change the border of an element to Hex A1006E is called "border". The border property can be set on classes, ids or directly on the HTML element.

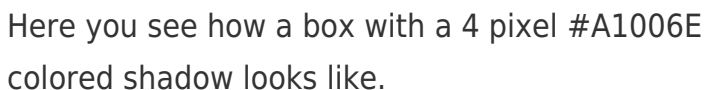
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A1006E }
```

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

```
.border{ border-color:#A1006E }
```

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



Here you see how a box with a 4 pixel `#A1006E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1006E; -webkit-box-shadow:4px 4px  
4px 4px #A1006E; box-shadow:4px 4px 4px  
4px #A1006E }
```

# Background

The CSS property to change the background color of an element to Hex A1006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1006E }
```

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

```
.background{ background-color:#A1006E }
```

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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