

Converting Colors

Hex(A3006D)

Have a look what the booklet for
Hex(A3006D) contains.

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Color

Hex(A3006D)

Conversions

Conversions Part 1

Format	Color
Hex	A3006D
RGB	163, 0, 109
RGB Percent	64%, 0%, 43%
CMY	0.3608, 1.0000, 0.5725
CMYK	0.00, 1.00, 0.33, 0.36
HSL	320°, 100%, 32%
HSV	320°, 100%, 64%
XYZ	17.8646, 8.8907, 15.2425
YIQ	61.1630, 62.1590, 68.4550

Conversions

Conversions Part 2

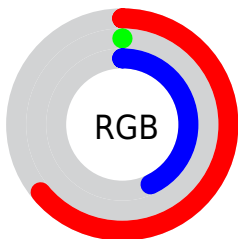
Format	Color
RYB	163, 0, 109
Decimal	10682477
CIELab	35.77, 63.25, -14.58
CIELCh	36, 64.910, 347.016
Yxy	8.8907, 0.4254, 0.2117
Android (android.graphics.Color)	4288872557 (0xFFA3006D)
YUV	61.1630, 23.5836, 89.3110
Hunter-Lab	29.8172, 54.7657, -9.4369

Details

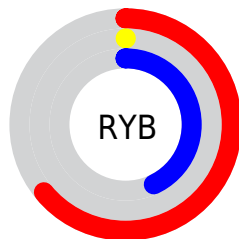
The Hex color **A3006D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00A336**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **DE4FA1**, and **6A003D** is the 20% darker color. If you saturate the color by 10%, you get **A3006D**, and if you desaturate by 10%, it is **A31072**.

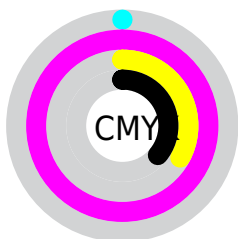
Distribution



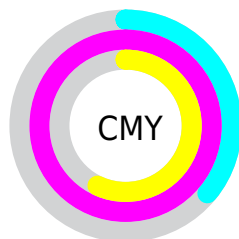
- Red (64%)
- Green (0%)
- Blue (43%)



- Red (64%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3006D 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 A3006D by changing the saturation by 10% instead.

 A3006D

 A3006D

FFFFFF

 860055

 DE4FA1

 6A003D

 FC6CBC

 4E0027

 FF88D7

 340012

 FFA5F4

 050000

 FFC1FF

 000000

 FFDFFF

 FFFCFF

 A3006D

 A31072

 A32178

 A3317D

 A34183

 A35288

 A3628D

 A37293

 A38298

 A3939E

Harmonies

Analogous

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



79349C



A3006D



AC0039

Triad

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



A3006D



4C5B00



0068A0

Complementary

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



A3006D



00A336

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.



006A71



A3006D



006400

Square

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



A3006D



7A4A00



00683B



0061BB

Rectangle

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



A3006D



A32018



00683B



006992

Sweetspot

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



A3006D



D494BF



3400A3



6B455E



EBEBEB



6B6B6B

Same Dimension

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



A3006D



D4008E



A3001E



52494F



910061



12000C

Inverse Universe

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



A3006D



D4008E



00A385



52494F



910061



12000C

Previews

White Background



This preview shows how the Hex color A3006D looks on a white background.

Color Contrast Check

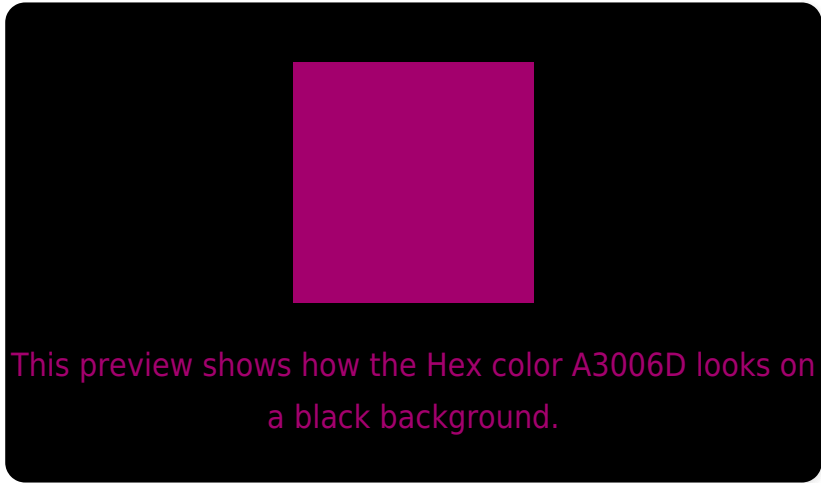
Large Text (above 18pt) WCAG AA ✓ Pass

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 A3006D Background



This preview shows how black text looks on a background with the Hex color A3006D.

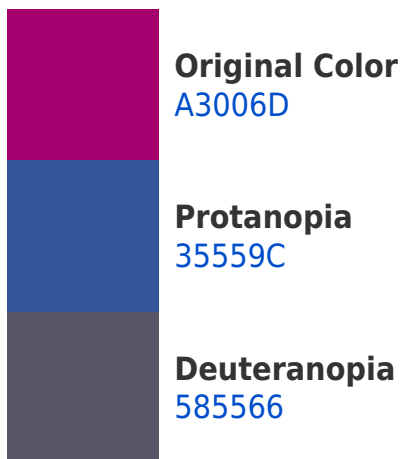


This preview shows how white text looks on a background with the Hex color A3006D.

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
9F2B2D

Trichromacy



Original Color
A3006D

Protanomaly
5D368B

Deuteranomaly
733669

Tritanomaly
A01B44

Monochromacy



Original Color
A3006D

Achromatopsia
3D3D3D

Achromatomaly
62274E

CSS Examples

Text

The CSS property to change the color of the text to Hex A3006D 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 #A3006D looks like.

```
.text, #text, p{  
    color:#A3006D  
}
```

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 #A3006D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3006D
}
```

Border

The CSS property to change the border of an element to Hex A3006D 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
#A3006D }
```

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

```
.border{ border-color:#A3006D }
```

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

Here you see how a box with a 4 pixel #A3006D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3006D; -webkit-box-shadow:4px 4px  
4px 4px #A3006D; box-shadow:4px 4px 4px  
4px #A3006D }
```

Background

The CSS property to change the background color of an element to Hex A3006D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3006D }
```

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

```
.background{ background-color:#A3006D }
```

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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