

Converting Colors

Hex(A6005D)

Have a look what the booklet for
Hex(A6005D) contains.

Hex(A6005D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A6005D)

Conversions

Conversions Part 1

Format	Color
Hex	A6005D
RGB	166, 0, 93
RGB Percent	65%, 0%, 36%
CMY	0.3490, 1.0000, 0.6353
CMYK	0.00, 1.00, 0.44, 0.35
HSL	326°, 100%, 33%
HSV	326°, 100%, 65%
XYZ	17.7017, 8.8973, 11.1403
YIQ	60.2360, 69.0830, 64.1150

Conversions

Conversions Part 2

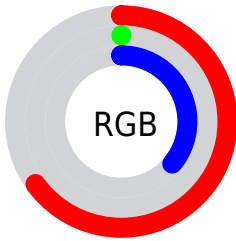
Format	Color
R_{YB}	166, 0, 93
Decimal	10879069
CIE _{Lab}	35.79, 62.32, -4.26
CIE _{LCh}	36, 62.467, 356.093
Yxy	8.8973, 0.4691, 0.2358
Android (android.graphics.Color)	4289069149 (0xFFA6005D)
YUV	60.2360, 16.1527, 92.7550
Hunter-Lab	29.8283, 53.7314, -1.2638

Details

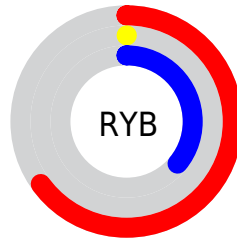
The Hex color **A6005D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00A649**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **E24F8F**, and **6C002F** is the 20% darker color. If you saturate the color by 10%, you get **A6005D**, and if you desaturate by 10%, it is **A61164**.

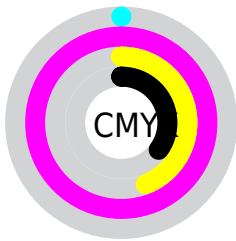
Distribution



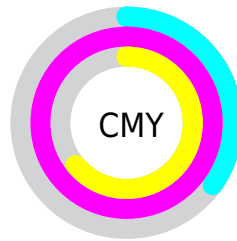
- Red (65%)
- Green (0%)
- Blue (36%)



- Red (65%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6005D 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 A6005D by changing the saturation by 10% instead.

 A6005D

 A6005D

FFFFFF

 890046

 E24F8F

 6C002F

 FF6CAA

 4F001B

 FF88C5

 350002

 FFA4E1

 030000

 FFC1FD

 000000

 FFDEFF

 FFFCFF

 A6005D

 A61164

 A6216C

 A63273

 A6427A

 A65381

 A66489

 A67490

 A68597

 A6959F

Harmonies

Analogous

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



882B8D



A6005D



A7152C

Triad

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



A6005D



3D5E00



0066A8

Complementary

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



A6005D



00A649

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.



00697F



A6005D



006514

Square

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



A6005D



6D5000



00684C



005DB9

Rectangle

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



A6005D



9A2F08



00684C



00689C

Sweetspot

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



A6005D



D998BC



4800A6



6E465C



EDEDED



6E6E6E

Same Dimension

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



A6005D



D90079



A6000B



544C50



940053



14000B

Inverse Universe

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



A6005D



D90079



00A69B



544C50



940053



14000B

Previews

White Background



This preview shows how the Hex color A6005D looks on a white background.

Color Contrast Check

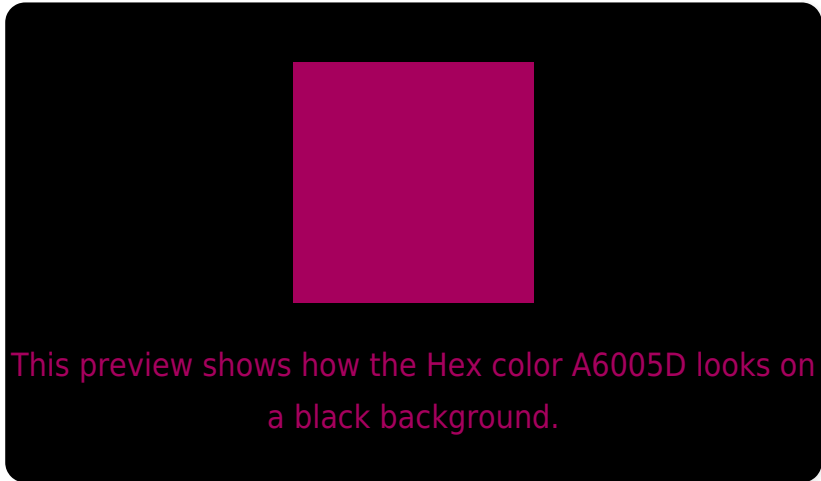
Large Text (above 18pt) WCAG AA ✓ Pass

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

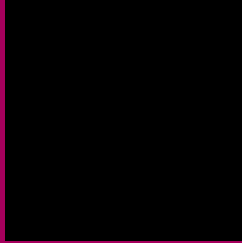
Any Text WCAG AA × Fail

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 A6005D Background



This preview shows how black text looks on a background with the Hex color A6005D.

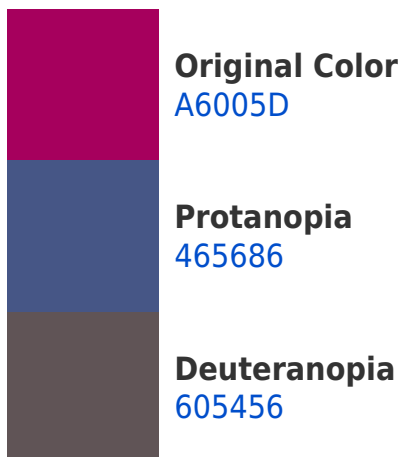


This preview shows how white text looks on a background with the Hex color A6005D.

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
A32526

Trichromacy



Original Color
A6005D



Protanomaly
693777



Deuteranomaly
793559



Tritanomaly
A4183A

Monochromacy



Original Color
A6005D



Achromatopsia
3C3C3C



Achromatomaly
632648

CSS Examples

Text

The CSS property to change the color of the text to Hex A6005D 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 #A6005D looks like.

```
.text, #text, p{  
    color:#A6005D  
}
```

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 #A6005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6005D
}
```

Border

The CSS property to change the border of an element to Hex A6005D is called "border". The border property can be set on classes, ids or directly on the HTML element.

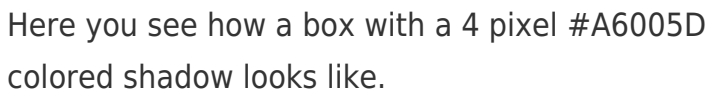
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6005D }
```

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

```
.border{ border-color:#A6005D }
```

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



Here you see how a box with a 4 pixel `#A6005D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6005D; -webkit-box-shadow:4px 4px  
4px 4px #A6005D; box-shadow:4px 4px 4px  
4px #A6005D }
```

Background

The CSS property to change the background color of an element to Hex A6005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6005D }
```

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

```
.background{ background-color:#A6005D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor