

Converting Colors

Hex(4A005D)

Have a look what the booklet for
Hex(4A005D) contains.

Hex(4A005D)	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(4A005D)

Conversions

Conversions Part 1

Format	Color
Hex	4A005D
RGB	74, 0, 93
RGB Percent	29%, 0%, 36%
CMY	0.7098, 1.0000, 0.6353
CMYK	0.20, 1.00, 0.00, 0.64
HSL	288°, 100%, 18%
HSV	288°, 100%, 36%
XYZ	4.7998, 2.2462, 10.5365
YIQ	32.7280, 14.2510, 44.6110

Conversions

Conversions Part 2

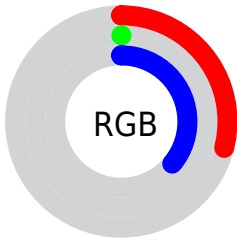
Format	Color
R_{YB}	74, 0, 93
Decimal	4849757
CIE _{Lab}	16.73, 43.74, -35.39
CIE _{LCh}	17, 56.263, 321.022
Yxy	2.2462, 0.2730, 0.1277
Android (android.graphics.Color)	4283039837 (0xFF4A005D)
YUV	32.7280, 29.7141, 36.1955
Hunter-Lab	14.9872, 30.9391, -31.1918

Details

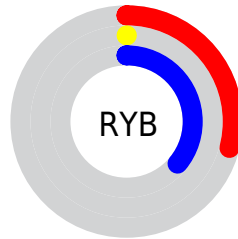
The Hex color **4A005D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **135D00**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **7E3990**, and **1B002E** is the 20% darker color. If you saturate the color by 10%, you get **4A005D**, and if you desaturate by 10%, it is **4C095D**.

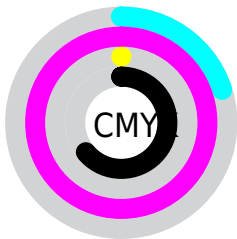
Distribution



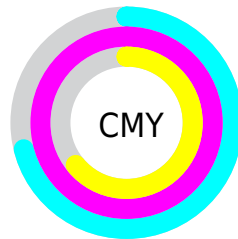
- Red (29%)
- Green (0%)
- Blue (36%)



- Red (29%)
- Yellow (0%)
- Blue (36%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (71%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A005D 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 4A005D by changing the saturation by 10% instead.

 4A005D

 4A005D

 FFF6FF

 310045

 7E3990

 1B002E

 9952AB

 000118

 B56CC6

 000000

 D186E3

 EEA1FF

 FFBDFE

 FFD9FF

 4A005D

 4C095D

 4E135D

 501C5D

 52255D

 542F5D

 55385D

 57415D

 594A5D

 5B545D

Harmonies

Analogous

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



002577



4A005D



660037

Triad

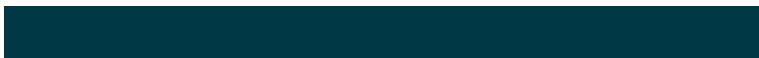
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4A005D



3E2400



003846

Complementary

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



4A005D



135D00

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.



00371B



4A005D



183000

Square

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



4A005D



590500



003500



003869

Rectangle

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



4A005D



6A001D



003500



003838

Sweetspot

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



4A005D



715478



00145D



39273D



BDBDBD



3D3D3D

Same Dimension

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



4A005D



5F0078



5D0043



2D292E



57006E



BD00ED

Inverse Universe

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



5D0013



780018



005D1A



2E292A



6E0016



ED0030

Previews

White Background



This preview shows how the Hex color 4A005D looks on a white background.

Color Contrast Check

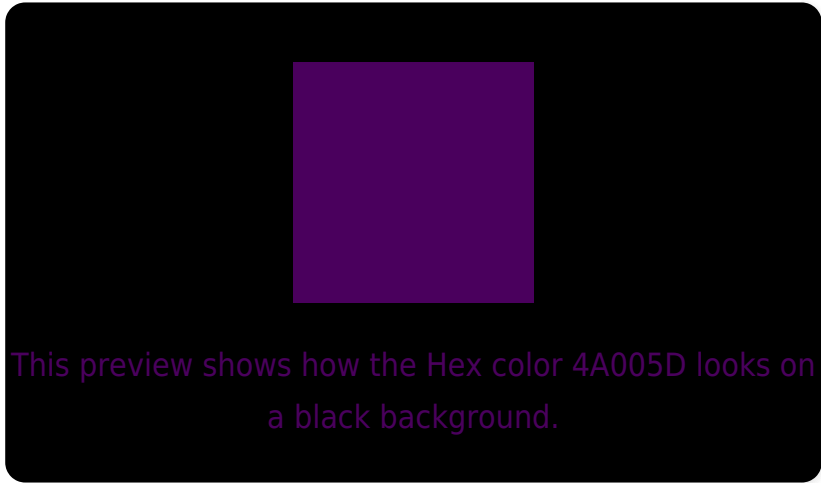
Large Text (above 18pt) WCAG AA ✓ Pass

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

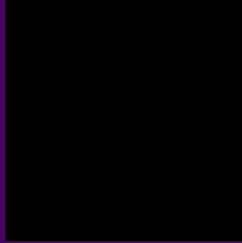
Any Text WCAG AA × Fail

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 4A005D Background



This preview shows how black text looks on a background with the Hex color 4A005D.



This preview shows how white text looks on a background with the Hex color 4A005D.

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



Original Color
4A005D

Protanopia
002C5C

Deuteranopia
002E51



Tritanopia
422427

Trichromacy



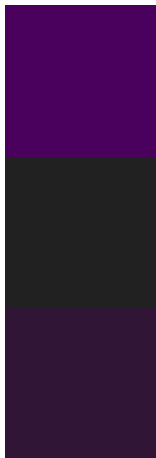
Original Color
4A005D

Protanomaly
1B1C5C

Deuteranomaly
1B1D55

Tritanomaly
45173B

Monochromacy



Original Color
4A005D

Achromatopsia
212121

Achromatomaly
301537

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A005D 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 #4A005D looks like.

```
.text, #text, p{  
    color:#4A005D  
}
```

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 #4A005D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A005D  
}
```

Border

The CSS property to change the border of an element to Hex 4A005D is called "border". The border property can be set on classes, ids or directly on the HTML element.

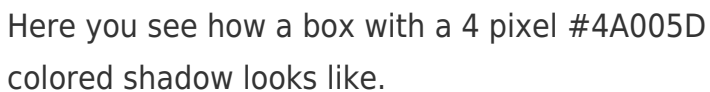
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4A005D }
```

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

```
.border{ border-color:#4A005D }
```

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



Here you see how a box with a 4 pixel #4A005D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A005D; -webkit-box-shadow:4px 4px  
4px 4px #4A005D; box-shadow:4px 4px 4px  
4px #4A005D }
```

Background

The CSS property to change the background color of an element to Hex 4A005D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A005D }
```

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

```
.background{ background-color:#4A005D }
```

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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