

Converting Colors

Hex(A5007D)

Have a look what the booklet for
Hex(A5007D) contains.

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Color

Hex(A5007D)

Conversions

Conversions Part 1

Format	Color
Hex	A5007D
RGB	165, 0, 125
RGB Percent	65%, 0%, 49%
CMY	0.3529, 1.0000, 0.5098
CMYK	0.00, 1.00, 0.24, 0.35
HSL	315°, 100%, 32%
HSV	315°, 100%, 65%
XYZ	19.2187, 9.4800, 20.2189
YIQ	63.5850, 58.2150, 73.8550

Conversions

Conversions Part 2

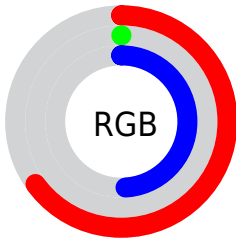
Format	Color
RYB	165, 0, 125
Decimal	10813565
CIELab	36.89, 65.49, -22.91
CIElCh	37, 69.378, 340.719
Yxy	9.4800, 0.3929, 0.1938
Android (android.graphics.Color)	4289003645 (0xFFA5007D)
YUV	63.5850, 30.2776, 88.9410
Hunter-Lab	30.7896, 57.5370, -17.3818

Details

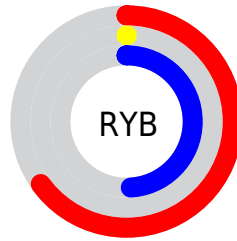
The Hex color **A5007D** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00A528**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **E050B2**, and **6C004C** is the 20% darker color. If you saturate the color by 10%, you get **A5007D**, and if you desaturate by 10%, it is **A51081**.

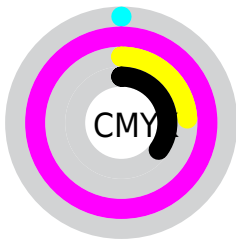
Distribution



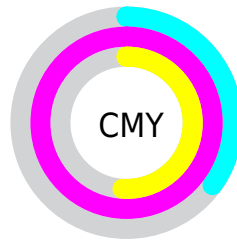
- Red (65%)
- Green (0%)
- Blue (49%)



- Red (65%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5007D 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 A5007D by changing the saturation by 10% instead.

 A5007D

 A5007D

FFFFFF

 880064

 E050B2

 6C004C

 FE6DCD

 500035

 FF8AEA

 36001F

 FFA6FF

 140001

 FFC3FF

 000000

 FFE1FF

 FFFEFF

 A5007D

 A51081

 A52185

 A53289

 A5428D

 A55291

 A56395

 A57399

 A5849D

 A594A1

Harmonies

Analogous

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



6E3BAD



A5007D



B50046

Triad

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



A5007D



595B00



006D9F

Complementary

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



A5007D



00A528

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.



006D6A



A5007D



036600

Square

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



A5007D



874600



006B2F



0067C2

Rectangle

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



A5007D



AF0B22



006B2F



006D8F

Sweetspot

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



A5007D



D696C7



2700A5



6B4562



EBEBEB



6B6B6B

Same Dimension

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



A5007D



D600A2



A5002C



524950



91006E



12000E

Inverse Universe

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



A5007D



D600A2



00A579



524950



91006E



12000E

Previews

White Background



This preview shows how the Hex color A5007D looks on a white background.

Color Contrast Check

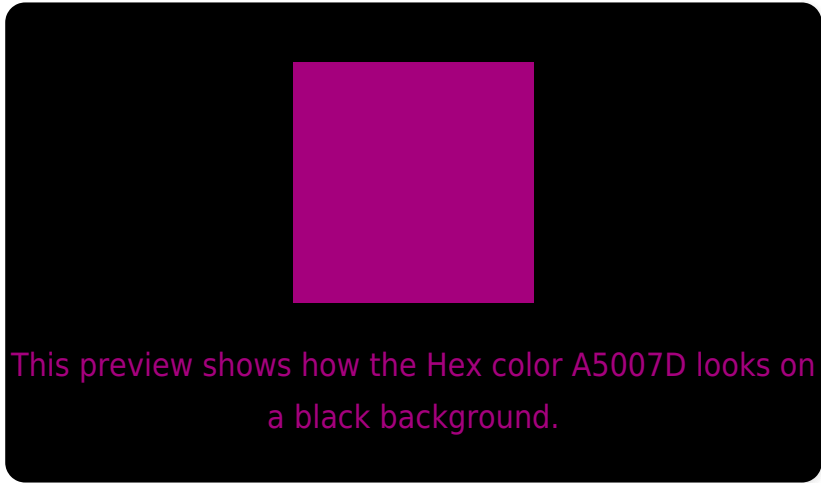
Large Text (above 18pt) WCAG AA ✓ Pass

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

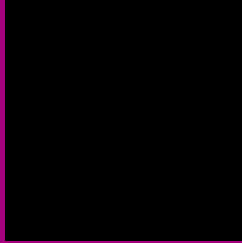
Any Text WCAG AA × Fail

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 A5007D Background



This preview shows how black text looks on a background with the Hex color A5007D.

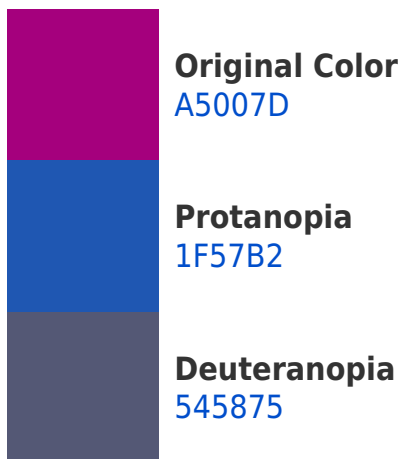



This preview shows how white text looks on a background with the Hex color A5007D.

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
9F3134

Trichromacy



Original Color
A5007D



Protanomaly
50379F



Deuteranomaly
713878



Tritanomaly
A11F4F

Monochromacy



Original Color
A5007D



Achromatopsia
404040



Achromatomaly
652956

CSS Examples

Text

The CSS property to change the color of the text to Hex A5007D 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 #A5007D looks like.

```
.text, #text, p{  
    color:#A5007D  
}
```

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 #A5007D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5007D } }
```

Border

The CSS property to change the border of an element to Hex A5007D is called "border". The border property can be set on classes, ids or directly on the HTML element.

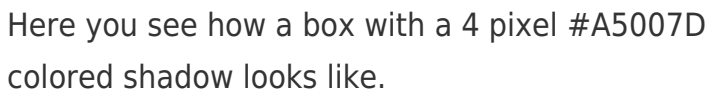
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #A5007D } }
```

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

```
.border{ border-color:#A5007D }
```

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



Here you see how a box with a 4 pixel `#A5007D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5007D; -webkit-box-shadow:4px 4px  
4px 4px #A5007D; box-shadow:4px 4px 4px  
4px #A5007D }
```

Background

The CSS property to change the background color of an element to Hex A5007D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5007D }
```

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

```
.background{ background-color:#A5007D }
```

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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