

# Converting Colors

Hex(A7245D)

Have a look what the booklet for  
Hex(A7245D) contains.

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# Color

**Hex(A7245D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7245D
RGB	167, 36, 93
RGB Percent	65%, 14%, 36%
CMY	0.3451, 0.8588, 0.6353
CMYK	0.00, 0.78, 0.44, 0.35
HSL	334°, 65%, 40%
HSV	334°, 78%, 65%
XYZ	18.5430, 10.2676, 11.3604
YIQ	81.6670, 59.7790, 45.4990

# Conversions

## Conversions Part 2

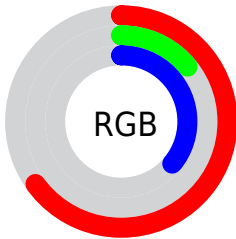
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 36, 93
Decimal	10953821
CIE Lab	38.32, 55.86, -0.50
CIE LCh	38, 55.862, 359.485
Yxy	10.2676, 0.4616, 0.2556
Android (android.graphics.Color)	4289143901 (0xFFA7245D)
YUV	81.6670, 5.5872, 74.8370
Hunter-Lab	32.0430, 47.2210, 1.4096

# Details

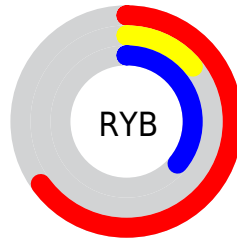
The Hex color **A7245D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24A76E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **E25E8F**, and **6D002F** is the 20% darker color. If you saturate the color by 10%, you get **A71354**, and if you desaturate by 10%, it is **A73566**.

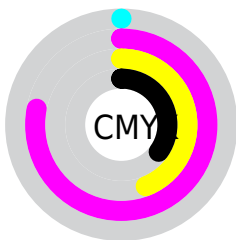
# Distribution



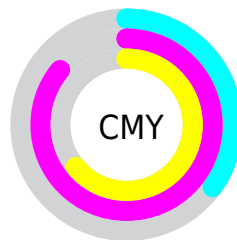
- Red (65%)
- Green (14%)
- Blue (36%)



- Red (65%)
- Yellow (14%)
- Blue (36%)



- Cyan (0%)
- Magenta (78%)
- Yellow (44%)
- Black (35%)



- Cyan (35%)
- Magenta (86%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7245D 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 A7245D by changing the saturation by 10% instead.



 A7245D

 A7245D

FFFFFF

 8A0046

 E25E8F

 6D002F

 FF7AAA

 51001B

 FF96C5

 380002

 FFB2E1

 0E0000

 FFCFFD

 000000

 FFECFF

 A7245D

 A7245D

 A71354

 A73566

 A7034A

 A74570

 A70049

 A75679

 A76783

 A7778C

 A78896

 A7999F

 A7AAA8

 A7BAB2

# Harmonies

## Analogous

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



8F3689



A7245D



A62E31

# Triad

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



A7245D



416400



006AA8

# Complementary

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



A7245D



24A76E

# 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.



006E86



A7245D



006B29

# Square

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



A7245D



6E5800



006E58



0060B6

# Rectangle

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



A7245D



993E13



006E58



006C9F



# Sweetspot

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



A7245D



D9A5BB



6C24A7



6E4E5C



EDEDED



6E6E6E



# Same Dimension

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



A7245D



D90D66



A72B24



544C4F



940040



140009



# Inverse Universe

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



A7245D



D90D66



24A0A7



544C4F



940040



140009



# Previews

## White Background



This preview shows how the Hex color A7245D looks on a white background.

## Color Contrast Check

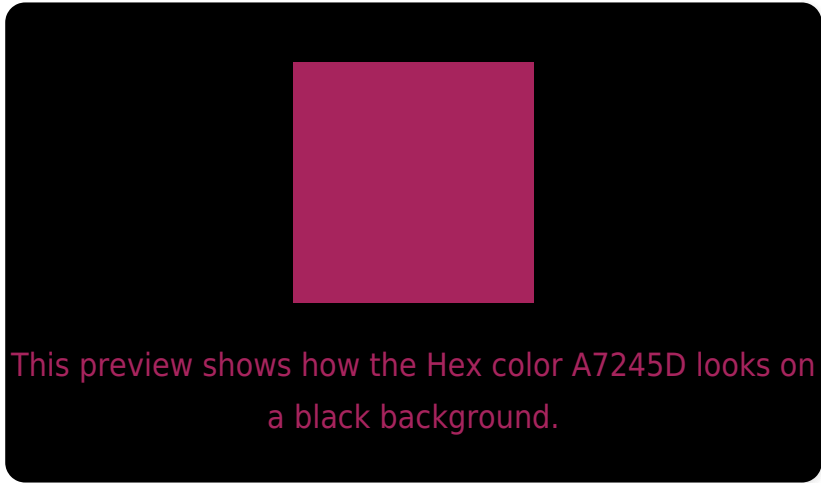
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 A7245D Background



This preview shows how black text looks on a background with the Hex color A7245D.



This preview shows how white text looks on a background with the Hex color A7245D.

# 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

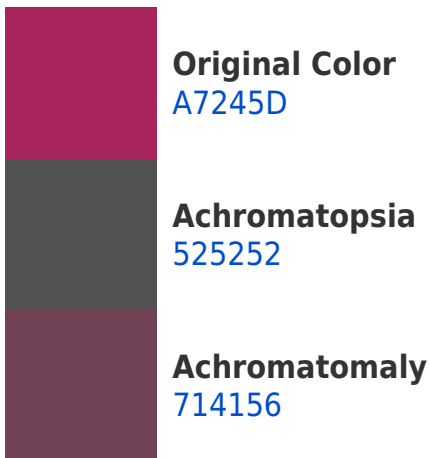




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7245D 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 #A7245D looks like.

```
.text, #text, p{  
    color:#A7245D  
}
```

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 #A7245D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7245D
}
```

## Border

The CSS property to change the border of an element to Hex A7245D is called "border". The border property can be set on classes, ids or directly on the HTML element.

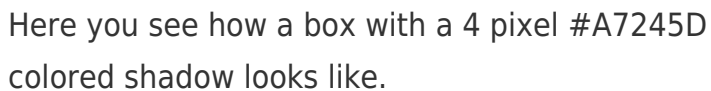
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A7245D }
```

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

```
.border{ border-color:#A7245D }
```

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



Here you see how a box with a 4 pixel `#A7245D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7245D; -webkit-box-shadow:4px 4px  
4px 4px #A7245D; box-shadow:4px 4px 4px  
4px #A7245D }
```

# Background

The CSS property to change the background color of an element to Hex A7245D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7245D }
```

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

```
.background{ background-color:#A7245D }
```

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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