

# Converting Colors

Hex(A42E6D)

Have a look what the booklet for  
Hex(A42E6D) contains.

<b>Hex(A42E6D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A42E6D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A42E6D
RGB	164, 46, 109
RGB Percent	64%, 18%, 43%
CMY	0.3569, 0.8196, 0.5725
CMYK	0.00, 0.72, 0.34, 0.36
HSL	328°, 56%, 41%
HSV	328°, 72%, 64%
XYZ	19.0472, 10.9506, 15.5778
YIQ	88.4640, 50.1050, 44.6090

# Conversions

## Conversions Part 2

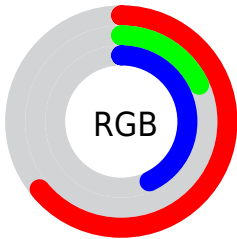
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 46, 109
Decimal	10759789
CIELab	39.50, 53.38, -8.92
CIELCh	39, 54.123, 350.515
Yxy	10.9506, 0.4179, 0.2403
Android (android.graphics.Color)	4288949869 (0xFFA42E6D)
YUV	88.4640, 10.1242, 66.2451
Hunter-Lab	33.0917, 44.8316, -4.7463

# Details

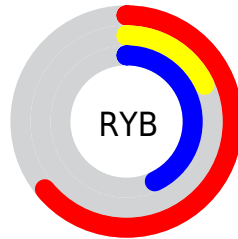
The Hex color **A42E6D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2EA465**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **DE66A0**, and **6C003E** is the 20% darker color. If you saturate the color by 10%, you get **A41E65**, and if you desaturate by 10%, it is **A43E75**.

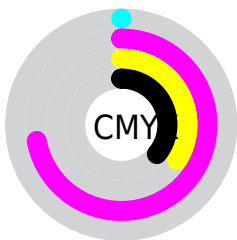
# Distribution



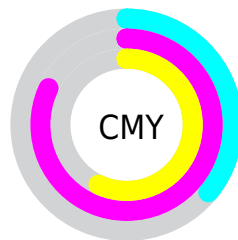
- Red (64%)
- Green (18%)
- Blue (43%)



- Red (64%)
- Yellow (18%)
- Blue (43%)



- Cyan (0%)
- Magenta (72%)
- Yellow (34%)
- Black (36%)



- Cyan (36%)
- Magenta (82%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A42E6D 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 A42E6D by changing the saturation by 10% instead.



 A42E6D

 A42E6D

FFFFFF

 880855

 DE66A0

 6C003E

 FC81BB

 500028

 FF9DD7

 380013

 FFB9F4

 130000

 FFD5FF

 000000

 FFF3FF

 A42E6D

 A42E6D

 A41E65

 A43E75

 A40D5E

 A44F7C

 A40058

 A45F84

 A4708C

 A48093

 A4909B

 A4A1A3

 A4B1AA

 A4C2B2

# Harmonies

## Analogous

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



844296



A42E6D



AA2F41

# Triad

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



A42E6D



546400



006EA1

# Complementary

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



A42E6D



2EA465

# 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.



00717B



A42E6D



116C1F

# Square

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



A42E6D



7C5600



00704D



0066B5

# Rectangle

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



A42E6D



A23B25



00704D



007096



# Sweetspot

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



A42E6D



D6A7C0



632EA4



6B4F5E



EBEBEB



6B6B6B



# Same Dimension

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



A42E6D



D61E80



A42E34



52494E



91004E



12000A



# Inverse Universe

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



A42E6D



D61E80



2EA49E



52494E



91004E



12000A



# Previews

## White Background



This preview shows how the Hex color A42E6D looks on a white background.

## Color Contrast Check

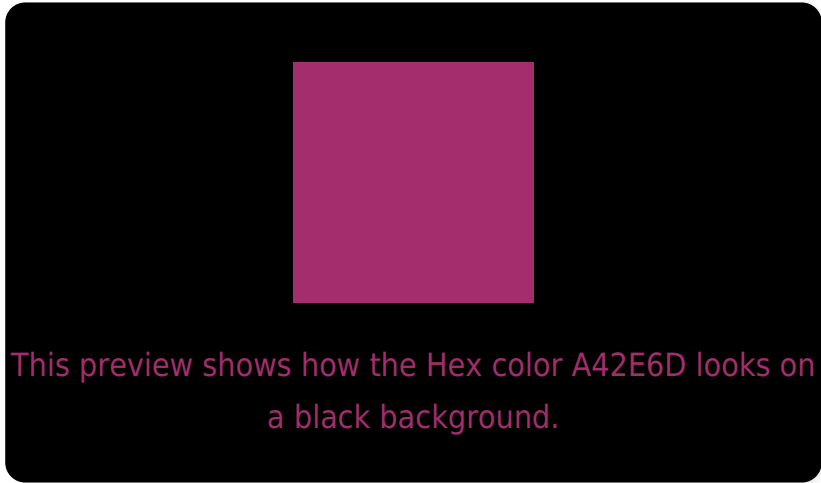
Large Text (above 18pt) WCAG AA ✓ Pass

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 A42E6D Background



This preview shows how black text looks on a background with the Hex color A42E6D.



This preview shows how white text looks on a background with the Hex color A42E6D.

# 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**  
A13B3E

# Trichromacy



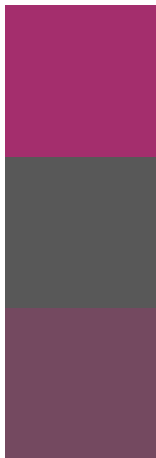
**Original Color**  
A42E6D

**Protanomaly**  
6D4B81

**Deuteranomaly**  
7B4B69

**Tritanomaly**  
A2364F

# Monochromacy



**Original Color**  
A42E6D

**Achromatopsia**  
585858

**Achromatomaly**  
744960

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A42E6D 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 #A42E6D looks like.

```
.text, #text, p{  
    color:#A42E6D  
}
```

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 #A42E6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A42E6D }  
}
```

## Border

The CSS property to change the border of an element to Hex A42E6D 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".

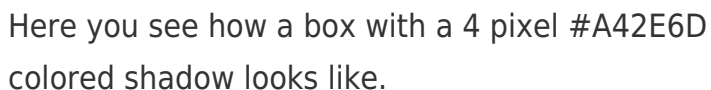
```
.border, #border, table{ border:4px solid #A42E6D }  
}
```

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

```
.border{ border-color:#A42E6D }
```

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

Here you see how a box with a 4 pixel #A42E6D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A42E6D; -webkit-box-shadow:4px 4px  
4px 4px #A42E6D; box-shadow:4px 4px 4px  
4px #A42E6D }
```

# Background

The CSS property to change the background color of an element to Hex A42E6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A42E6D }
```

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

```
.background{ background-color:#A42E6D }
```

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