

# Converting Colors

Hex(A73480)

Have a look what the booklet for  
Hex(A73480) contains.

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**Color**

**Hex(A73480)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A73480                    |
| RGB           | 167, 52, 128              |
| RGB Percent   | 65%, 20%, 50%             |
| CMY           | 0.3451, 0.7961, 0.4980    |
| CMYK          | 0.00, 0.69, 0.23, 0.35    |
| HSL           | 320°, 53%, 43%            |
| HSV           | 320°, 69%, 65%            |
| XYZ           | 21.0606, 12.2300, 21.6727 |
| YIQ           | 95.0490, 44.1440, 48.0160 |

# Conversions

## Conversions Part 2

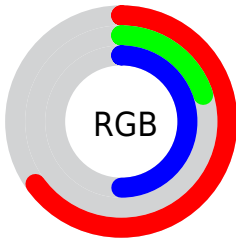
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 167, 52, 128                  |
| Decimal                             | 10957952                      |
| CIE <sub>Lab</sub>                  | 41.58, 54.38, -17.50          |
| CIE <sub>LCh</sub>                  | 42, 57.122, 342.160           |
| Yxy                                 | 12.2300, 0.3832,<br>0.2225    |
| Android<br>(android.graphics.Color) | 4289148032<br>(0xFFA73480)    |
| YUV                                 | 95.0490, 16.2448,<br>63.1010  |
| Hunter-Lab                          | 34.9714, 46.2971,<br>-12.2636 |

# Details

The Hex color **A73480** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **34A75B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E16BB5**, and **6F004F** is the 20% darker color. If you saturate the color by 10%, you get **A7237A**, and if you desaturate by 10%, it is **A74586**.

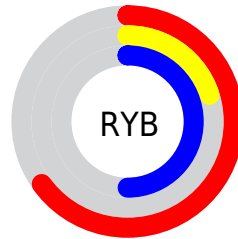
# Distribution



Red (65%)

Green (20%)

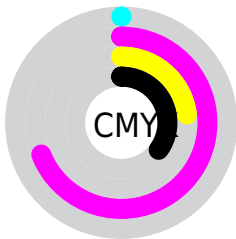
Blue (50%)



Red (65%)

Yellow (20%)

Blue (50%)

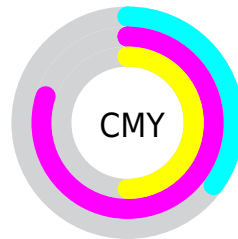


Cyan (0%)

Magenta (69%)

Yellow (23%)

Black (35%)



Cyan (35%)

Magenta (80%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A73480 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 A73480 by changing the saturation by 10% instead.



 A73480

 A73480

FFFFFF

 8B1367

 E16BB5

 6F004F

 FF87D1

 540038

 FFA2ED

 3B0022

 FFBFFF

 1E0008

 FFDBFF

 000000

 FFF9FF

 A73480

 A73480

 A7237A

 A74586

 A71375

 A7558B

 A7026F

 A76691

 A7006E

 A77797

 A7879C

 A798A2

 A7A9A8

 A7BAAD

 A7CAB3

# Harmonies

## Analogous

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



7B4CA8



A73480



B52D51

# Triad

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



A73480



656600



0076A0

# Complementary

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



A73480



34A75B

# 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.



007775



A73480



2E7011

# Square

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



A73480



8D5500



007543



006FBC

# Rectangle

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



A73480



B03833



007543



007793



# Sweetspot

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



A73480



D9ABC9



5A34A7



6E5264



EDEDED



6E6E6E



# Same Dimension

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



A73480



D9259C



A73447



544C51



940062



14000D



# Inverse Universe

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



A73480



D9259C



34A794



544C51



940062



14000D



# Previews

## White Background



This preview shows how the Hex color A73480 looks on a white background.

## Color Contrast Check

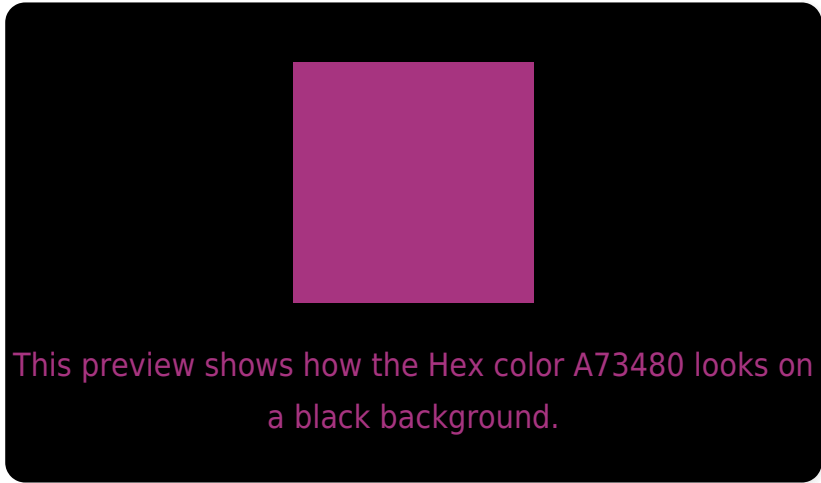
Large Text (above 18pt) WCAG AA ✓ Pass

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

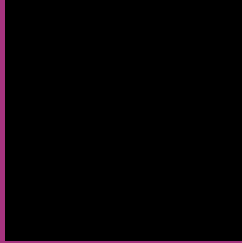
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A73480 Background



This preview shows how black text looks on a background with the Hex color A73480.



This preview shows how white text looks on a background with the Hex color A73480.

# 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**  
A73480

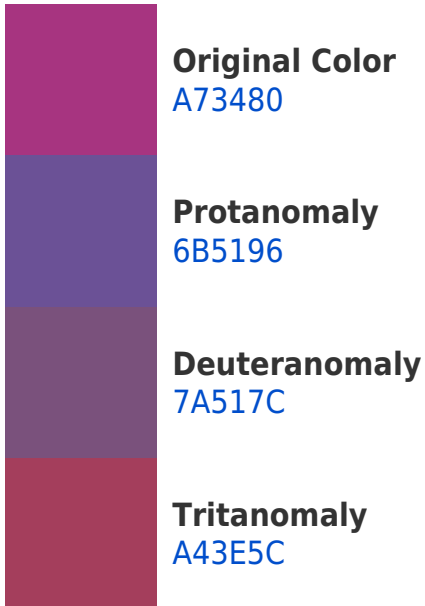
**Protanopia**  
4961A2

**Deuteranopia**  
61617A

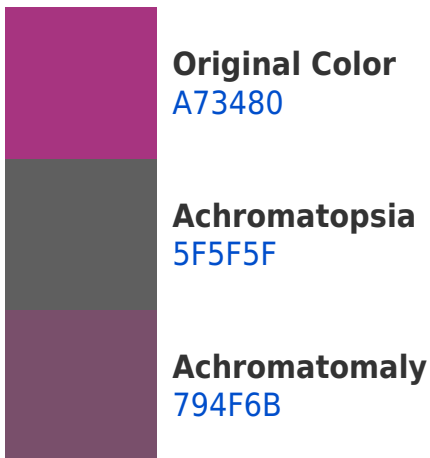


**Tritanopia**  
A24448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A73480 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 #A73480 looks like.

```
.text, #text, p{  
  color:#A73480  
}
```

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 #A73480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A73480
}
```

## Border

The CSS property to change the border of an element to Hex A73480 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
#A73480 }
```

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

```
.border{ border-color:#A73480 }
```

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

Here you see how a box with a 4 pixel #A73480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A73480; -webkit-box-shadow:4px 4px  
4px 4px #A73480; box-shadow:4px 4px 4px  
4px #A73480 }
```

# Background

The CSS property to change the background color of an element to Hex A73480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A73480 }
```

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

```
.background{ background-color:#A73480 }
```

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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