

# Converting Colors

Hex(A73F76)

Have a look what the booklet for  
Hex(A73F76) contains.

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**Color**

**Hex(A73F76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A73F76
RGB	167, 63, 118
RGB Percent	65%, 25%, 46%
CMY	0.3451, 0.7529, 0.5373
CMYK	0.00, 0.62, 0.29, 0.35
HSL	328°, 45%, 45%
HSV	328°, 62%, 65%
XYZ	20.9839, 13.0785, 18.5580
YIQ	100.3660, 44.3290, 39.1530

# Conversions

## Conversions Part 2

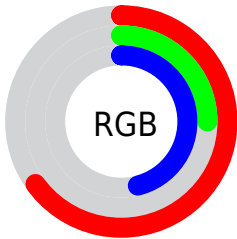
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 63, 118
Decimal	10960758
CIE <sub>Lab</sub>	42.88, 48.40, -9.37
CIE <sub>LCh</sub>	43, 49.294, 349.043
Yxy	13.0785, 0.3988, 0.2485
Android (android.graphics.Color)	4289150838 (0xFFA73F76)
YUV	100.3660, 8.6936, 58.4380
Hunter-Lab	36.1642, 40.2852, -5.1102

# Details

The Hex color **A73F76** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3FA770**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E174AA**, and **6F0046** is the 20% darker color. If you saturate the color by 10%, you get **A72E6E**, and if you desaturate by 10%, it is **A7507E**.

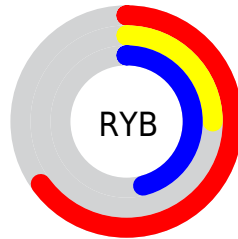
# Distribution



Red (65%)

Green (25%)

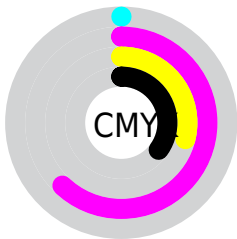
Blue (46%)



Red (65%)

Yellow (25%)

Blue (46%)

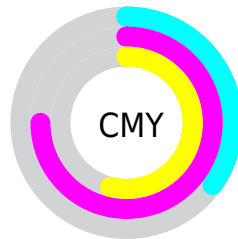


Cyan (0%)

Magenta (62%)

Yellow (29%)

Black (35%)



Cyan (35%)

Magenta (75%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A73F76 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 A73F76 by changing the saturation by 10% instead.



 A73F76

 A73F76

FFFFFF

 8B235D

 E174AA

 6F0046

 FF8FC5

 54002F

 FFABE1

 3B001B

 FFC7FE

 1F0001

 FFE4FF

 000000

 A73F76

 A73F76

 A72E6E

 A7507E

 A71E66

 A76086

 A70D5E

 A7718E

 A70058

 A78295

 A7929D

 A7A3A5

 A7B4AD

 A7C5B5

 A7D5BD

# Harmonies

## Analogous

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



874F9B



A73F76



AE3F4D

# Triad

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



A73F76



616B09



0076A2

# Complementary

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



A73F76



3FA770

# 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.



00787F



A73F76



2D732C

# Square

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



A73F76



865E09



007754



006EB5

# Rectangle

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



A73F76



A84734



007754



007798



# Sweetspot

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



A73F76



D9B0C5



703FA7



6E5462



EDEDED



6E6E6E



# Same Dimension

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



A73F76



D9368C



A73F42



544C50



94004E



14000B



# Inverse Universe

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



A73F76



D9368C



3FA7A4



544C50



94004E



14000B



# Previews

## White Background



This preview shows how the Hex color A73F76 looks on a white background.

## Color Contrast Check

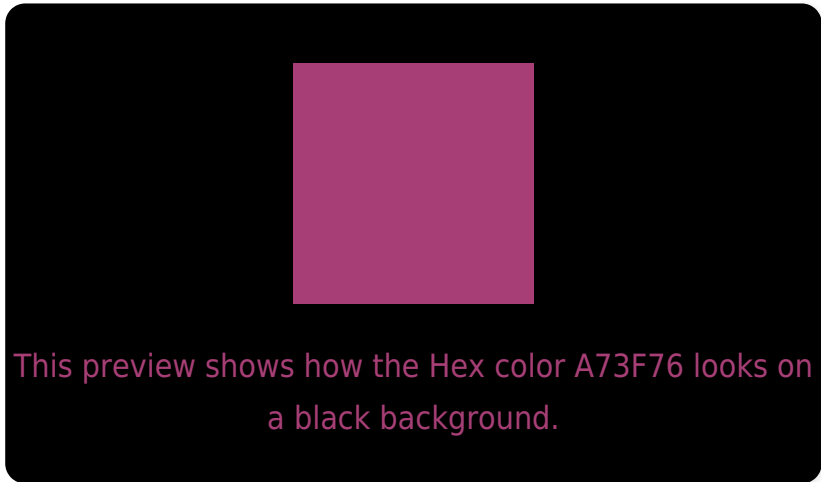
Large Text (above 18pt) WCAG AA ✓ Pass

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 A73F76 Background



This preview shows how black text looks on a background with the Hex color A73F76.




This preview shows how white text looks on a background with the Hex color A73F76.

# 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**  
A4484D

# Trichromacy



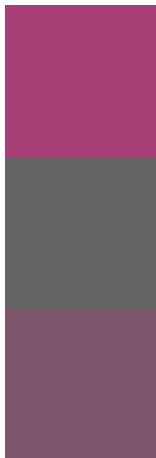
**Original Color**  
A73F76

**Protanomaly**  
755787

**Deuteranomaly**  
815673

**Tritanomaly**  
A5455C

# Monochromacy



**Original Color**  
A73F76

**Achromatopsia**  
646464

**Achromatomaly**  
7C576B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A73F76 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 #A73F76 looks like.

```
.text, #text, p{  
    color:#A73F76  
}
```

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 #A73F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A73F76  
}
```

## Border

The CSS property to change the border of an element to Hex A73F76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

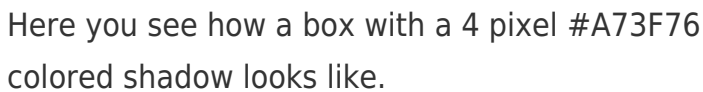
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A73F76 }
```

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

```
.border{ border-color:#A73F76 }
```

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



Here you see how a box with a 4 pixel `#A73F76` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A73F76; -webkit-box-shadow:4px 4px  
4px 4px #A73F76; box-shadow:4px 4px 4px  
4px #A73F76 }
```

# Background

The CSS property to change the background color of an element to Hex A73F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A73F76 }
```

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

```
.background{ background-color:#A73F76 }
```

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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