

# Converting Colors

Hex(A71D76)

Have a look what the booklet for  
Hex(A71D76) contains.

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# Color

**Hex(A71D76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A71D76
RGB	167, 29, 118
RGB Percent	65%, 11%, 46%
CMY	0.3451, 0.8863, 0.5373
CMYK	0.00, 0.83, 0.29, 0.35
HSL	321°, 70%, 38%
HSV	321°, 83%, 65%
XYZ	19.6457, 10.4022, 18.1119
YIQ	80.4080, 53.6790, 56.9350

# Conversions

## Conversions Part 2

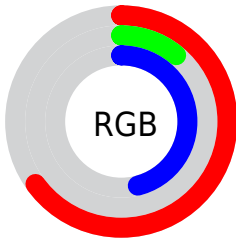
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 29, 118
Decimal	10952054
CIE <sub>Lab</sub>	38.55, 60.48, -15.93
CIE <sub>LCh</sub>	39, 62.542, 345.241
Yxy	10.4022, 0.4079, 0.2160
Android (android.graphics.Color)	4289142134 (0xFFA71D76)
YUV	80.4080, 18.5329, 75.9412
Hunter-Lab	32.2525, 52.2866, -10.7186

# Details

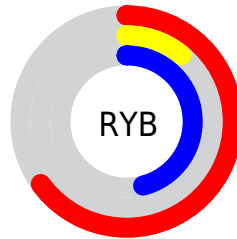
The Hex color **A71D76** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1DA74E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **E25BAA**, and **6E0046** is the 20% darker color. If you saturate the color by 10%, you get **A70C70**, and if you desaturate by 10%, it is **A72E7C**.

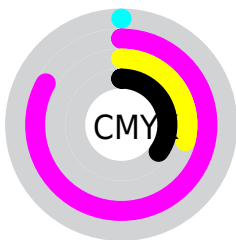
# Distribution



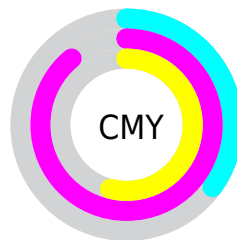
- Red (65%)
- Green (11%)
- Blue (46%)



- Red (65%)
- Yellow (11%)
- Blue (46%)



- Cyan (0%)
- Magenta (83%)
- Yellow (29%)
- Black (35%)



- Cyan (35%)
- Magenta (89%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A71D76 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 A71D76 by changing the saturation by 10% instead.



 A71D76

 A71D76

FFFFFF

 8A005D

 E25BAA

 6E0046

 FF77C6

 52002F

 FF93E2

 39001B

 FFB0FE

 170000

 FFC0FF

 000000

 FFEAFF

 A71D76

 A71D76

 A70C70

 A72E7C

 A7006C

 A73E82

 A74F88

 A7608E

 A77094

 A7819A

 A792A0

 A7A3A5

 A7B3AB

# Harmonies

## Analogous

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



7B3FA3



A71D76



B21544

# Triad

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



A71D76



576000



006FA2

# Complementary

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



A71D76



1DA74E

# 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.



007074



A71D76



096A00

# Square

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



A71D76



834F00



006F3F



0068BE

# Rectangle

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



A71D76



AB2A23



006F3F



007095



# Sweetspot

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



A71D76



D9A3C6



4D1DA7



6E4D62



EDEDED



6E6E6E



# Same Dimension

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



A71D76



D9028D



A71D32



544C51



94005F



14000D



# Inverse Universe

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



A71D76



D9028D



1DA792



544C51



94005F



14000D



# Previews

## White Background



This preview shows how the Hex color A71D76 looks on a white background.

## Color Contrast Check

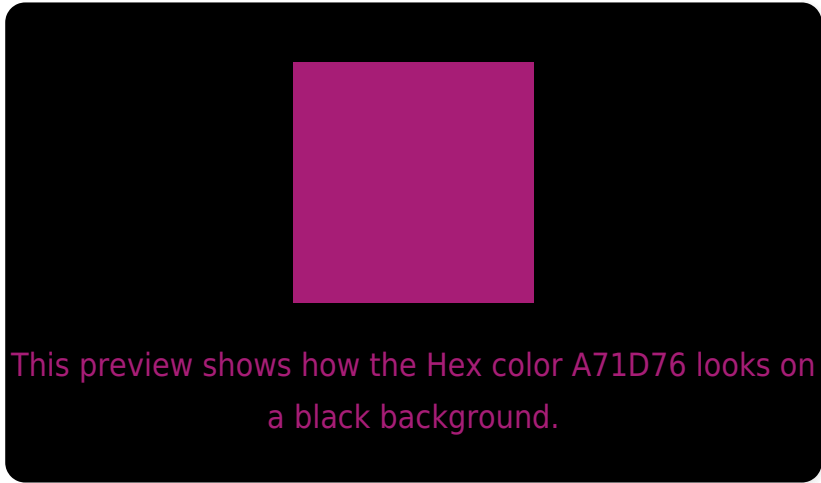
Large Text (above 18pt) WCAG AA ✓ Pass

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

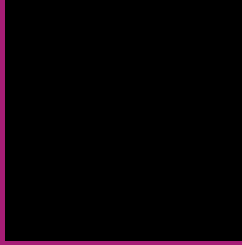
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A71D76 Background



This preview shows how black text looks on a background with the Hex color A71D76.

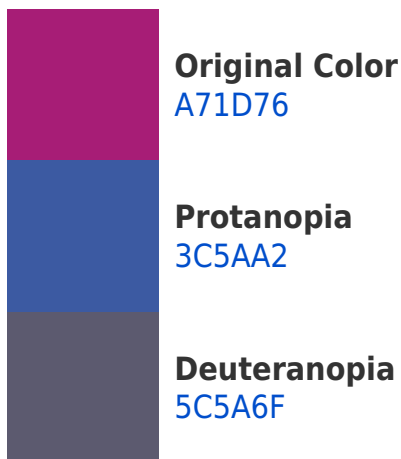



This preview shows how white text looks on a background with the Hex color A71D76.

# 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**  
A23437

# Trichromacy



**Original Color**  
A71D76



**Protanomaly**  
634492



**Deuteranomaly**  
774472

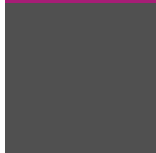


**Tritanomaly**  
A42C4E

# Monochromacy



**Original Color**  
A71D76



**Achromatopsia**  
505050



**Achromatomaly**  
703D5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A71D76 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 #A71D76 looks like.

```
.text, #text, p{  
    color:#A71D76  
}
```

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 #A71D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A71D76
}
```

## Border

The CSS property to change the border of an element to Hex A71D76 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".

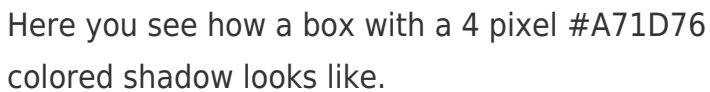
```
.border, #border, table{ border:4px solid
#A71D76 }
```

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

```
.border{ border-color:#A71D76 }
```

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

Here you see how a box with a 4 pixel #A71D76 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #A71D76 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A71D76; -webkit-box-shadow:4px 4px  
4px 4px #A71D76; box-shadow:4px 4px 4px  
4px #A71D76 }
```

# Background

The CSS property to change the background color of an element to Hex A71D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A71D76 }
```

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

```
.background{ background-color:#A71D76 }
```

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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