

# Converting Colors

Hex(A6176E)

Have a look what the booklet for  
Hex(A6176E) contains.

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# Color

**Hex(A6176E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6176E
RGB	166, 23, 110
RGB Percent	65%, 9%, 43%
CMY	0.3490, 0.9098, 0.5686
CMYK	0.00, 0.86, 0.34, 0.35
HSL	323°, 76%, 37%
HSV	323°, 86%, 65%
XYZ	18.8468, 9.8456, 15.6589
YIQ	75.6750, 57.3010, 57.3730

# Conversions

## Conversions Part 2

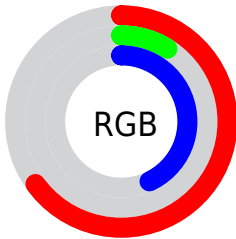
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	166, 23, 110
Decimal	10884974
CIE <sub>Lab</sub>	37.56, 60.69, -12.43
CIE <sub>LCh</sub>	38, 61.947, 348.422
Yxy	9.8456, 0.4249, 0.2220
Android (android.graphics.Color)	4289075054 (0xFFA6176E)
YUV	75.6750, 16.9222, 79.2150
Hunter-Lab	31.3777, 52.3038, -7.6241

# Details

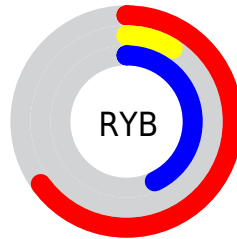
The Hex color **A6176E** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **17A64F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **E158A2**, and **6D003E** is the 20% darker color. If you saturate the color by 10%, you get **A60667**, and if you desaturate by 10%, it is **A62875**.

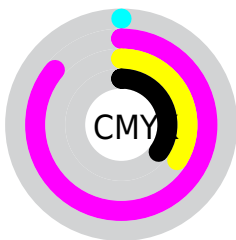
# Distribution



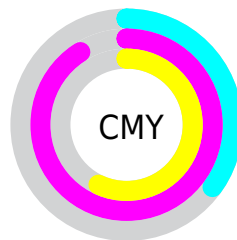
- Red (65%)
- Green (9%)
- Blue (43%)



- Red (65%)
- Yellow (9%)
- Blue (43%)



- Cyan (0%)
- Magenta (86%)
- Yellow (34%)
- Black (35%)



- Cyan (35%)
- Magenta (91%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6176E 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 A6176E by changing the saturation by 10% instead.



 A6176E

 A6176E

FFFFFF

 890056

 E158A2

 6D003E

 FF74BD

 510028

 FF90D8

 370014

 FFACF5

 110000

 FFC9FF

 000000

 FFE6FF

 A6176E

 A6176E

 A60667

 A62875

 A60065

 A6387B

 A64982

 A65988

 A66A8F

 A67B95

 A68B9C

 A69CA2

 A6ACA9

# Harmonies

## Analogous

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



7F399C



A6176E



AE163C

# Triad

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



A6176E



4F5F00



006CA3

# Complementary

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



A6176E



17A64F

# 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.



006E77



A6176E



006806

# Square

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



A6176E



7C4F00



006C43



0064BC

# Rectangle

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



A6176E



A52C1C



006C43



006D96



# Sweetspot

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



A6176E



D9A0C3



4E17A6



6E4C60



EDEDED



6E6E6E



# Same Dimension

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



A6176E



D90084



A61728



544C51



94005A



14000C



# Inverse Universe

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



A6176E



D90084



17A695



544C51



94005A



14000C



# Previews

## White Background



This preview shows how the Hex color A6176E looks on a white background.

## Color Contrast Check

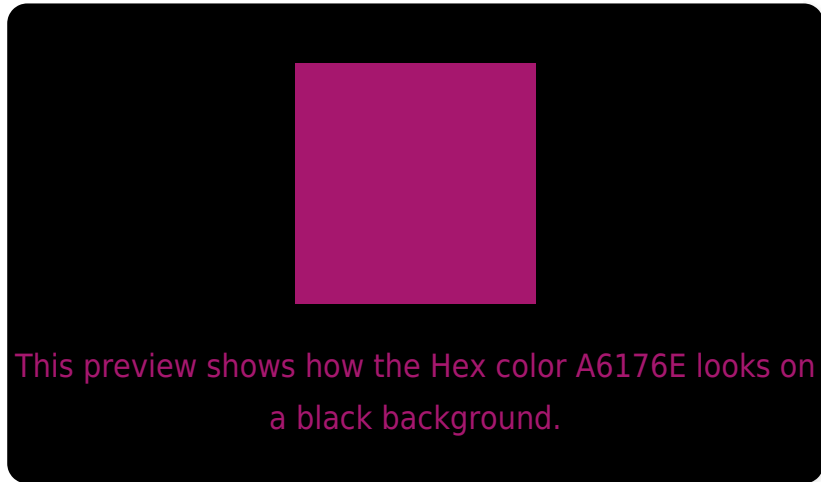
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A6176E Background



This preview shows how black text looks on a background with the Hex color A6176E.

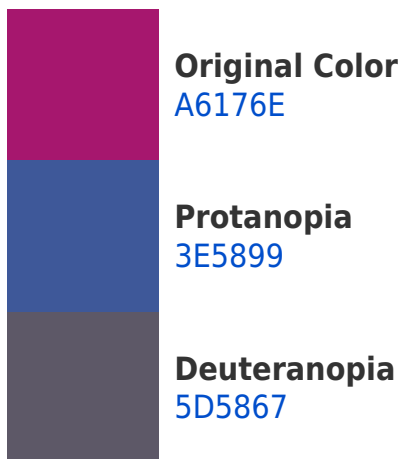


This preview shows how white text looks on a background with the Hex color A6176E.

# 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**  
A22F32

# Trichromacy



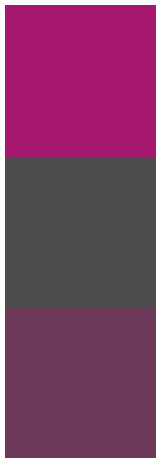
**Original Color**  
A6176E

**Protanomaly**  
644089

**Deuteranomaly**  
78406A

**Tritanomaly**  
A32648

# Monochromacy



**Original Color**  
A6176E

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
6D3958

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6176E 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 #A6176E looks like.

```
.text, #text, p{  
    color:#A6176E  
}
```

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 #A6176E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6176E
}
```

## Border

The CSS property to change the border of an element to Hex A6176E is called "border". The border property can be set on classes, ids or directly on the HTML element.

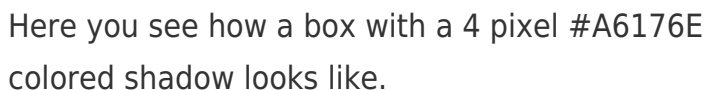
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6176E }
```

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

```
.border{ border-color:#A6176E }
```

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



Here you see how a box with a 4 pixel #A6176E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6176E; -webkit-box-shadow:4px 4px  
4px 4px #A6176E; box-shadow:4px 4px 4px  
4px #A6176E }
```

# Background

The CSS property to change the background color of an element to Hex A6176E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6176E }
```

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

```
.background{ background-color:#A6176E }
```

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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