

# Converting Colors

Hex(A2176A)

Have a look what the booklet for  
Hex(A2176A) contains.

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# Color

**Hex(A2176A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2176A
RGB	162, 23, 106
RGB Percent	64%, 9%, 42%
CMY	0.3647, 0.9098, 0.5843
CMYK	0.00, 0.86, 0.35, 0.36
HSL	324°, 75%, 36%
HSV	324°, 86%, 64%
XYZ	17.8082, 9.3348, 14.4989
YIQ	74.0230, 56.2010, 55.2810

# Conversions

## Conversions Part 2

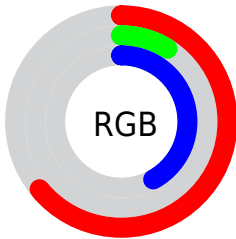
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 23, 106
Decimal	10622826
CIE <sub>Lab</sub>	36.62, 59.29, -11.40
CIE <sub>LCh</sub>	37, 60.380, 349.113
Yxy	9.3348, 0.4277, 0.2242
Android (android.graphics.Color)	4288812906 (0xFFA2176A)
YUV	74.0230, 15.7647, 77.1558
Hunter-Lab	30.5529, 50.5739, -6.7491

# Details

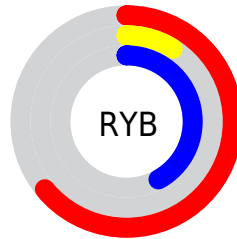
The Hex color **A2176A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **17A24F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **DD579D**, and **69003B** is the 20% darker color. If you saturate the color by 10%, you get **A20763**, and if you desaturate by 10%, it is **A22771**.

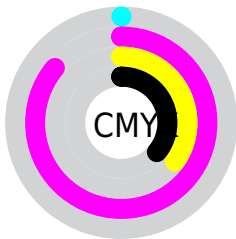
# Distribution



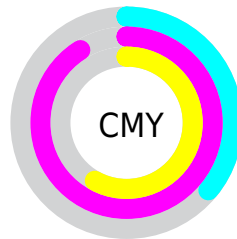
- Red (64%)
- Green (9%)
- Blue (42%)



- Red (64%)
- Yellow (9%)
- Blue (42%)



- Cyan (0%)
- Magenta (86%)
- Yellow (35%)
- Black (36%)



- Cyan (36%)
- Magenta (91%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2176A 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 A2176A by changing the saturation by 10% instead.



 A2176A

 A2176A

FFFFFF

 850052

 DD579D

 69003B

 FB73B8

 4D0025

 FF8FD4

 34000F

 FFABF0

 040000

 FFC8FF

 000000

 FFE5FF

 A2176A

 A2176A

 A20763

 A22771

 A20061

 A23777

 A2487E

 A25884

 A2688B

 A27891

 A28898

 A2999E

 A2A9A5

# Harmonies

## Analogous

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



7D3797



A2176A



A9173A

# Triad

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



A2176A



4C5D00



00699F

# Complementary

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



A2176A



17A24F

# 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.



006B75



A2176A



006609

# Square

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



A2176A



784E00



006A42



0061B7

# Rectangle

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



A2176A



A02C1A



006A42



006A93



# Sweetspot

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



A2176A



D49DBD



4F17A2



6B4A5E



EBEBEB



6B6B6B



# Same Dimension

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



A2176A



D4007E



A21725



52494E



910057



12000B



# Inverse Universe

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



A2176A



D4007E



17A294



52494E



910057



12000B



# Previews

## White Background



This preview shows how the Hex color A2176A 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 A2176A Background



This preview shows how black text looks on a background with the Hex color A2176A.

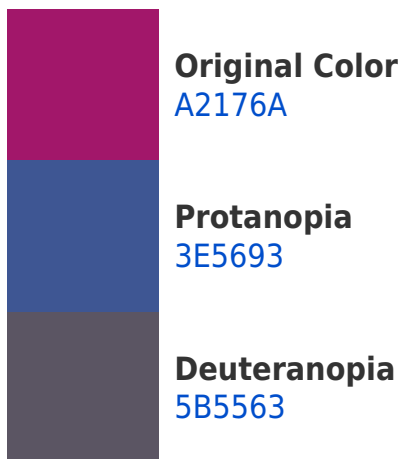


This preview shows how white text looks on a background with the Hex color A2176A.

# 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**  
9E2E30

# Trichromacy



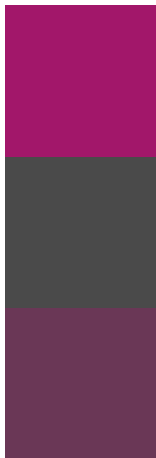
**Original Color**  
A2176A

**Protanomaly**  
623F84

**Deuteranomaly**  
753E66

**Tritanomaly**  
9F2645

# Monochromacy



**Original Color**  
A2176A

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
6A3756

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2176A 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 #A2176A looks like.

```
.text, #text, p{  
    color:#A2176A  
}
```

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 #A2176A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2176A
}
```

## Border

The CSS property to change the border of an element to Hex A2176A is called "border". The border property can be set on classes, ids or directly on the HTML element.

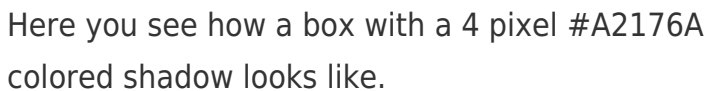
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2176A }
```

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

```
.border{ border-color:#A2176A }
```

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



Here you see how a box with a 4 pixel #A2176A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2176A; -webkit-box-shadow:4px 4px  
4px 4px #A2176A; box-shadow:4px 4px 4px  
4px #A2176A }
```

# Background

The CSS property to change the background color of an element to Hex A2176A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2176A }
```

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

```
.background{ background-color:#A2176A }
```

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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