

# Converting Colors

Hex(A396D6)

Have a look what the booklet for  
Hex(A396D6) contains.

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# **Color**

**Hex(A396D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A396D6
RGB	163, 150, 214
RGB Percent	64%, 59%, 84%
CMY	0.3608, 0.4118, 0.1608
CMYK	0.24, 0.30, 0.00, 0.16
HSL	252°, 44%, 71%
HSV	252°, 30%, 84%
XYZ	38.1482, 34.4543, 68.2580
YIQ	161.1830, -12.7960, 22.6600

# Conversions

## Conversions Part 2

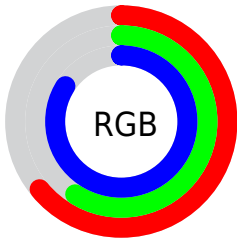
Format	Color
<a href="#">RYB</a>	<a href="#">163, 150, 214</a>
Decimal	<a href="#">10720982</a>
CIELab	<a href="#">65.32, 18.30, -30.96</a>
CIElCh	<a href="#">65, 35.963, 300.582</a>
Yxy	<a href="#">34.4543, 0.2708, 0.2446</a>
Android (android.graphics.Color)	<a href="#">4288911062</a> ( <a href="#">0xFFA396D6</a> )
YUV	<a href="#">161.1830, 26.0388, 1.5935</a>
Hunter-Lab	<a href="#">58.6978, 13.2877, -27.8583</a>

# Details

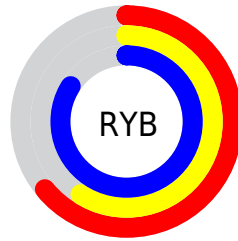
The Hex color **A396D6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C9D696**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **DBCCFF**, and **6E639F** is the 20% darker color. If you saturate the color by 10%, you get **9281D6**, and if you desaturate by 10%, it is **B4ABD6**.

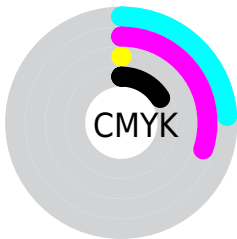
# Distribution



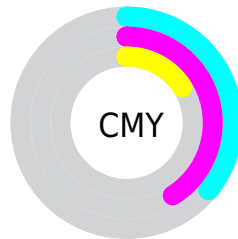
- Red (64%)
- Green (59%)
- Blue (84%)



- Red (64%)
- Yellow (59%)
- Blue (84%)



- Cyan (24%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (36%)
- Magenta (41%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A396D6 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 A396D6 by changing the saturation by 10% instead.



 A396D6

 A396D6

FFFFFF

 887CBA

 DBCCFF

 6E639F

 F8E8FF

 554B85

 3C356B

 231F53

 090A3B

 000225

 00010D


 000000

 A396D6

 A396D6

 9281D6

 B4ABD6

 816BD6

 C5C1D6

 7056D6

 D6D6D6

 5F40D6

 E7ECD6

 4E2BD6

 F8FFD6

 3D16D6

 FFFFD6

 2C00D6

 2B00D6

# Harmonies

## Analogous

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



71A2DF



A396D6



C88BBF

# Triad

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



A396D6



CD9267



3EB09E

# Complementary

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



A396D6



C9D696

# 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.



6BAD7E



A396D6



B39D5E

# Square

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



A396D6



DC887F



92A666



0EAFBE

# Rectangle

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



A396D6



D686AA



92A666



4EAF93



# Sweetspot

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



A396D6



EDE8FF



96C9D6



747180



000000



808080



# Same Dimension

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



A396D6



B6A3FF



C396D6



63606B



2300AB



09002B



# Inverse Universe

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



D696C9



FFA3EC



A9D696



6B6069



AB0088

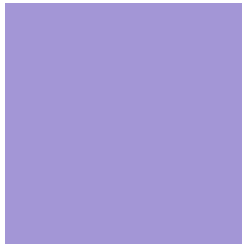


2B0023



# Previews

## White Background



This preview shows how the Hex color A396D6 looks on a white background.

## Color Contrast Check

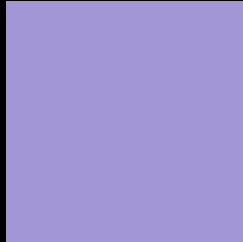
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A396D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

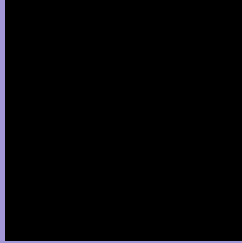
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A396D6 Background



This preview shows how black text looks on a background with the Hex color A396D6.

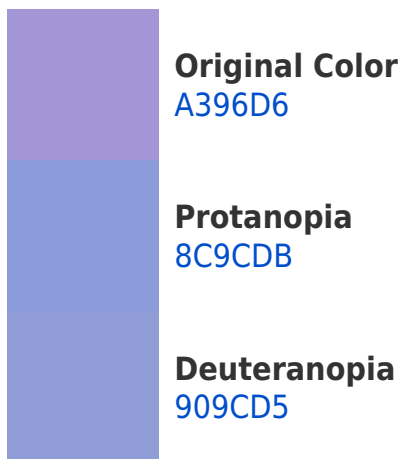


This preview shows how white text looks on a background with the Hex color A396D6.

# 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](#).

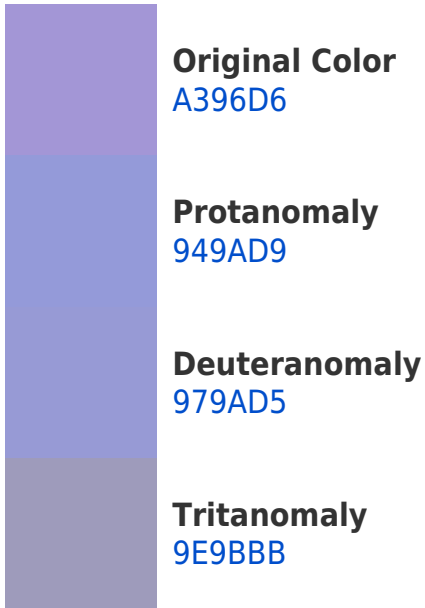
## Dichromacy



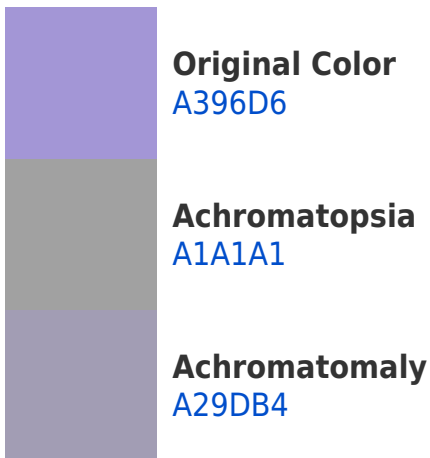


**Tritanopia**  
9B9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A396D6 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 #A396D6 looks like.

```
.text, #text, p{  
    color:#A396D6  
}
```

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 #A396D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A396D6
}
```

## Border

The CSS property to change the border of an element to Hex A396D6 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
#A396D6 }
```

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

```
.border{ border-color:#A396D6 }
```

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

Here you see how a box with a 4 pixel #A396D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A396D6; -webkit-box-shadow:4px 4px  
4px 4px #A396D6; box-shadow:4px 4px 4px  
4px #A396D6 }
```

# Background

The CSS property to change the background color of an element to Hex A396D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A396D6 }
```

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

```
.background{ background-color:#A396D6 }
```

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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