

# Converting Colors

Hex(A362B0)

Have a look what the booklet for  
Hex(A362B0) contains.

<b>Hex(A362B0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(A362B0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A362B0
RGB	163, 98, 176
RGB Percent	64%, 38%, 69%
CMY	0.3608, 0.6157, 0.3098
CMYK	0.07, 0.44, 0.00, 0.31
HSL	290°, 33%, 54%
HSV	290°, 44%, 69%
XYZ	27.3084, 19.6565, 43.4291
YIQ	126.3270, 13.7020, 38.0380

# Conversions

## Conversions Part 2

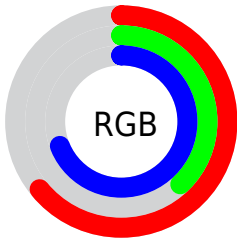
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 98, 176
Decimal	10707632
CIE <sub>Lab</sub>	51.45, 39.21, -30.93
CIE <sub>LCh</sub>	51, 49.945, 321.731
Yxy	19.6565, 0.3021, 0.2175
Android (android.graphics.Color)	4288897712 (0xFFA362B0)
YUV	126.3270, 24.4888, 32.1622
Hunter-Lab	44.3356, 32.3592, -27.0427

# Details

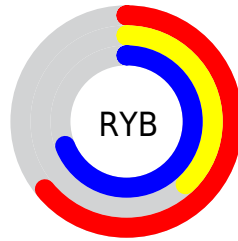
The Hex color **A362B0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **6FB062**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **DB96E8**, and **6D307B** is the 20% darker color. If you saturate the color by 10%, you get **A050B0**, and if you desaturate by 10%, it is **A674B0**.

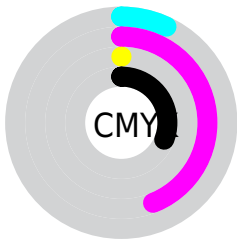
# Distribution



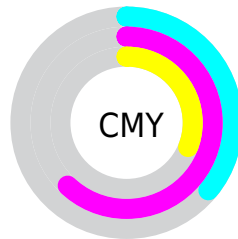
- Red (64%)
- Green (38%)
- Blue (69%)



- Red (64%)
- Yellow (38%)
- Blue (69%)



- Cyan (7%)
- Magenta (44%)
- Yellow (0%)
- Black (31%)



- Cyan (36%)
- Magenta (62%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A362B0 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 A362B0 by changing the saturation by 10% instead.



 A362B0

 A362B0

FFFFFF

 884995

 DB96E8

 6D307B

 F8B2FF

 541762

 FFCDFD

 3B004A

 FFEAFF

 260033

 00001D

 000000

 A362B0

 A362B0

 A050B0

 A674B0

 9D3FB0

 A985B0

 9A2DB0

 AC97B0

 971CB0

 AFA8B0

 940AB0

 B2BAB0

 9300B0

 B5CCB0

 B8DDB0

 BAEFB0

 BDFFB0

# Harmonies

## Analogous

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



6674CA



A362B0



C25488

# Triad

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



A362B0



9B7420



008F99

# Complementary

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



A362B0



6FB062

# 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.



008E6D



A362B0



738224

# Square

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



A362B0



B96438



3E8A43



008CBD

# Rectangle

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



A362B0



C9536B



3E8A43



008F8B



# Sweetspot

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



A362B0



E1C8E6



626FB0



706073



F2F2F2



737373



# Same Dimension

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



A362B0



D16CE6



B06296



585059



800099



15001A



# Inverse Universe

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



B0626F



E66C80



62B07C



595052



990019



1A0004



# Previews

## White Background



This preview shows how the Hex color A362B0 looks on a white background.

## Color Contrast Check

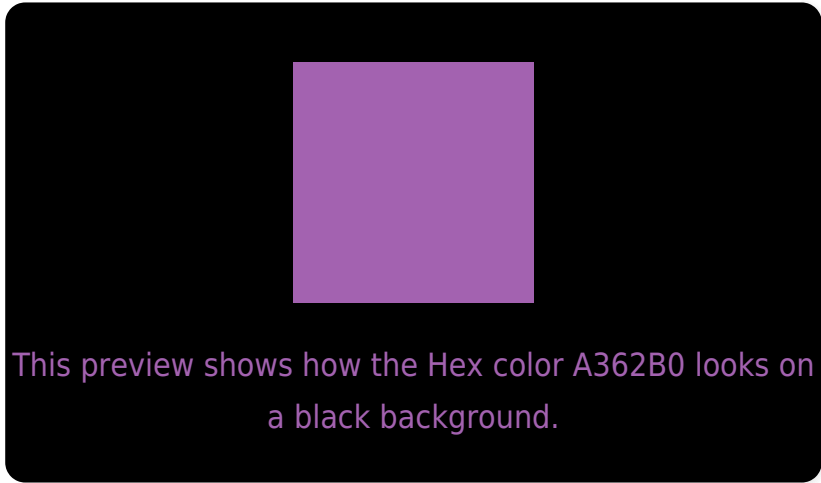
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

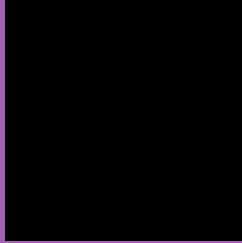
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A362B0 Background



This preview shows how black text looks on a background with the Hex color A362B0.

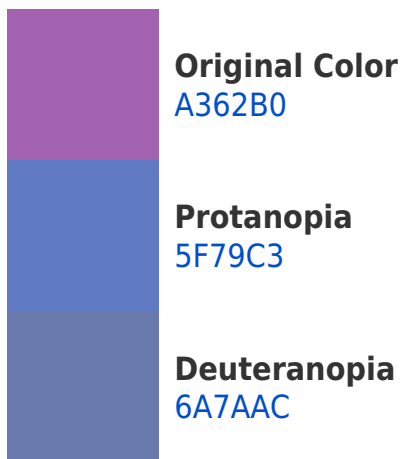


This preview shows how white text looks on a background with the Hex color A362B0.

# 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](#).

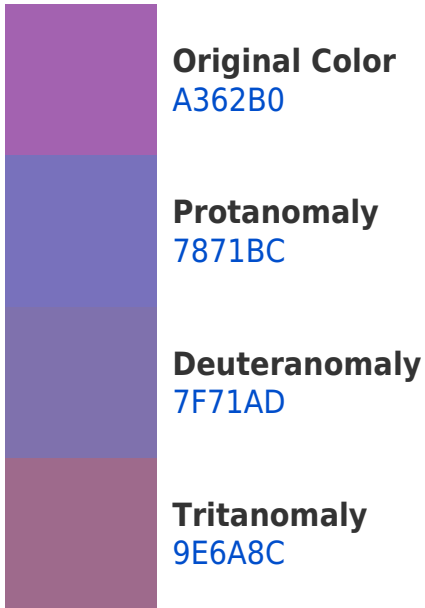
## Dichromacy





**Tritanopia**  
9B6F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A362B0 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 #A362B0 looks like.

```
.text, #text, p{  
    color:#A362B0  
}
```

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 #A362B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A362B0
}
```

## Border

The CSS property to change the border of an element to Hex A362B0 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
#A362B0 }
```

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

```
.border{ border-color:#A362B0 }
```

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

Here you see how a box with a 4 pixel #A362B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A362B0; -webkit-box-shadow:4px 4px  
4px 4px #A362B0; box-shadow:4px 4px 4px  
4px #A362B0 }
```

# Background

The CSS property to change the background color of an element to Hex A362B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A362B0 }
```

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

```
.background{ background-color:#A362B0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor