

# Converting Colors

Hex(A364CE)

Have a look what the booklet for  
Hex(A364CE) contains.

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# Color

Hex(A364CE)

# Conversions

## Conversions Part 1

Format	Color
Hex	A364CE
RGB	163, 100, 206
RGB Percent	64%, 39%, 81%
CMY	0.3608, 0.6078, 0.1922
CMYK	0.21, 0.51, 0.00, 0.19
HSL	276°, 52%, 60%
HSV	276°, 51%, 81%
XYZ	30.8020, 21.3571, 60.8914
YIQ	130.9210, 3.5220, 46.3220

# Conversions

## Conversions Part 2

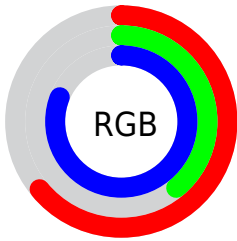
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 100, 206
Decimal	10708174
CIE <sub>Lab</sub>	53.34, 44.57, -45.23
CIE <sub>LCh</sub>	53, 63.497, 314.579
Yxy	21.3571, 0.2725, 0.1889
Android (android.graphics.Color)	4288898254 (0xFFA364CE)
YUV	130.9210, 37.0139, 28.1333
Hunter-Lab	46.2137, 38.0983, -45.7711

# Details

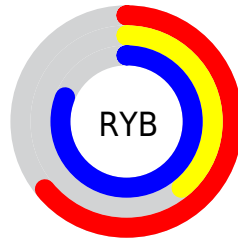
The Hex color **A364CE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8FCE64**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **DC99FF**, and **6C3297** is the 20% darker color. If you saturate the color by 10%, you get **9B4FCE**, and if you desaturate by 10%, it is **AB79CE**.

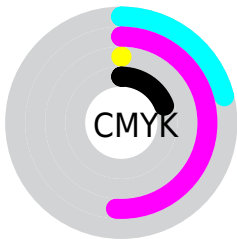
# Distribution



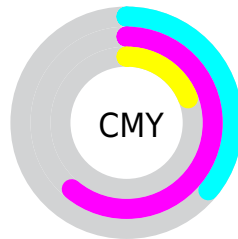
- Red (64%)
- Green (39%)
- Blue (81%)



- Red (64%)
- Yellow (39%)
- Blue (81%)



- Cyan (21%)
- Magenta (51%)
- Yellow (0%)
- Black (19%)



- Cyan (36%)
- Magenta (61%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A364CE 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 A364CE by changing the saturation by 10% instead.



 A364CE

 A364CE

FFFFFF

 874BB2

 DC99FF

 6C3297

 F9B4FF

 52187D

 FFD0FF

 370063

 FFEDFF

 1E004B

 000033

 00021D

 000000

 A364CE

 A364CE

 9B4FCE

 AB79CE

 923BCE

 B48DCE

 8A26CE

 BCA2CE

 8212CE

 C4B6CE

 7A00CE

 CDCBCE

 D5E0CE

 DDF4CE

 E6FFCE

 EEFFCE

# Harmonies

## Analogous

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



377DEA



A364CE



D34B9E

# Triad

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



A364CE



B07200



009899

# Complementary

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



A364CE



8FCE64

# 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.



009760



A364CE



808500

# Square

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



A364CE



D25A34



3F9129



0096CB

# Rectangle

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



A364CE



DF4579



3F9129



009887



# Sweetspot

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



A364CE



EFD9FF



6490CE



766980



000000



808080



# Same Dimension

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



A364CE



BF61FF



CE64C5



625C66



6300A6



170026



# Inverse Universe

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



CE648F



FF61A1



64CE6D



665C60



A60043

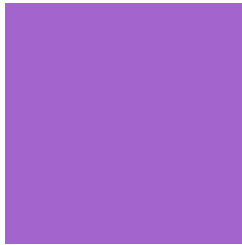


260010



# Previews

## White Background



This preview shows how the Hex color A364CE looks on a white background.

## Color Contrast Check

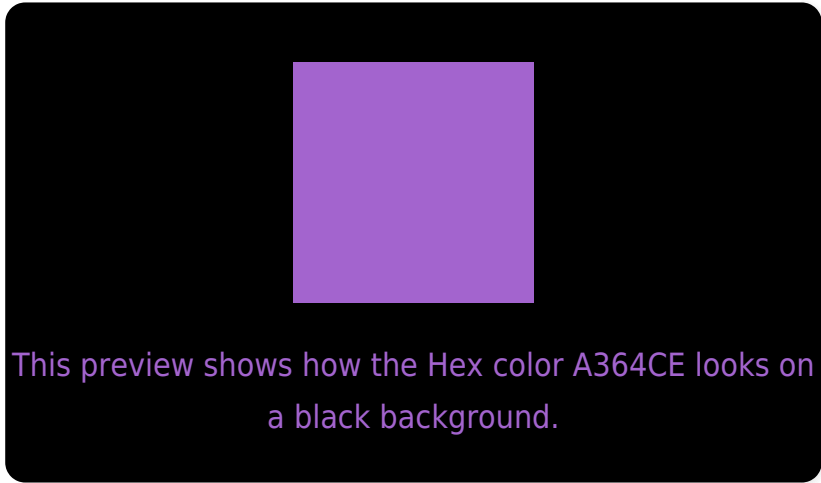
Large Text (above 18pt) WCAG AA ✓ Pass

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

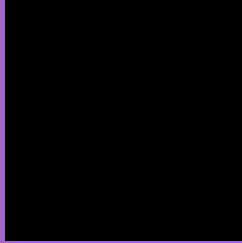
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A364CE Background



This preview shows how black text looks on a background with the Hex color A364CE.

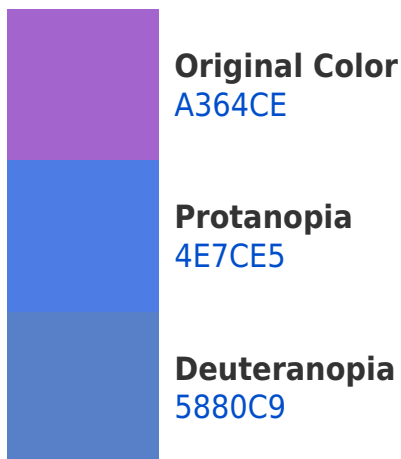


This preview shows how white text looks on a background with the Hex color A364CE.

# 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](#).

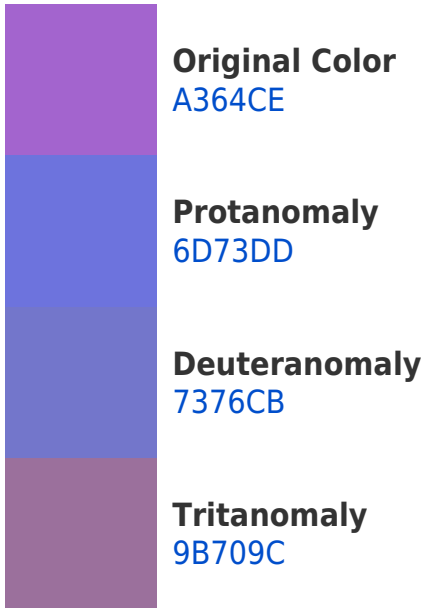
## Dichromacy





**Tritanopia**  
967780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A364CE 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 #A364CE looks like.

```
.text, #text, p{  
    color:#A364CE  
}
```

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 #A364CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A364CE
}
```

## Border

The CSS property to change the border of an element to Hex A364CE 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
#A364CE }
```

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

```
.border{ border-color:#A364CE }
```

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

Here you see how a box with a 4 pixel #A364CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A364CE; -webkit-box-shadow:4px 4px  
4px 4px #A364CE; box-shadow:4px 4px 4px  
4px #A364CE }
```

# Background

The CSS property to change the background color of an element to Hex A364CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A364CE }
```

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

```
.background{ background-color:#A364CE }
```

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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