

# Converting Colors

Hex(3148BA)

Have a look what the booklet for  
Hex(3148BA) contains.

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# Color

**Hex(3148BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3148BA
RGB	49, 72, 186
RGB Percent	19%, 28%, 73%
CMY	0.8078, 0.7176, 0.2706
CMYK	0.74, 0.61, 0.00, 0.27
HSL	230°, 58%, 46%
HSV	230°, 74%, 73%
XYZ	12.4469, 8.8329, 47.5033
YIQ	78.1190, -50.3020, 30.5780

# Conversions

## Conversions Part 2

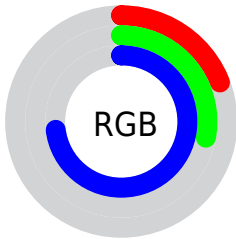
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 69, 186
Decimal	3229882
CIE <sub>Lab</sub>	35.66, 31.23, -62.62
CIE <sub>LCh</sub>	36, 69.976, 296.510
Yxy	8.8329, 0.1810, 0.1284
Android (android.graphics.Color)	4281419962 (0xFF3148BA)
YUV	78.1190, 53.1853, -25.5374
Hunter-Lab	29.7201, 22.7463, -73.9622

# Details

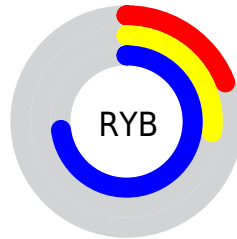
The Hex color **3148BA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BAA331**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7278F3**, and **001D84** is the 20% darker color. If you saturate the color by 10%, you get **1E39BA**, and if you desaturate by 10%, it is **4457BA**.

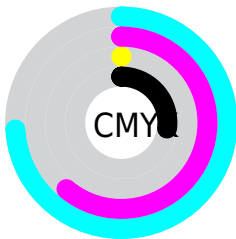
# Distribution



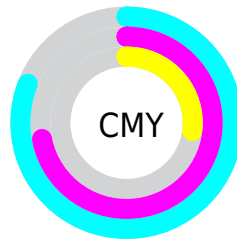
- Red (19%)
- Green (28%)
- Blue (73%)



- Red (19%)
- Yellow (27%)
- Blue (73%)



- Cyan (74%)
- Magenta (61%)
- Yellow (0%)
- Black (27%)



- Cyan (81%)
- Magenta (72%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 3148BA 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 3148BA by changing the saturation by 10% instead.



 3148BA

 3148BA

FFFFFF

 00329E

 7278F3

 001D84

 9092FF

 000A6A

 AEADFF


 000151

 CCC8FF

 000539


 EAE4FF

 000222

 000008

 000000

 3148BA

 3148BA

■ 1E39BA

■ 4457BA

■ 0C29BA

■ 5667BA

■ 001FBA

■ 6976BA

■ 7B86BA

■ 8E95BA

■ A1A5BA

■ B3B4BA

■ C6C4BA

■ D8D3BA

# Harmonies

## Analogous

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



005EC6



3148BA



8E1F93

# Triad

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



3148BA



953400



006A4B

# Complementary

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



3148BA



BAA331

# 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.



006608



3148BA



6D5000

# Square

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



3148BA



AE0026



365F00



006A85

# Rectangle

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



3148BA



A80070



365F00



006938



# Sweetspot

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



3148BA



BDC6F2



31BAA1



5B607A



FAFAFA



7A7A7A



# Same Dimension

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



3148BA



1D41F2



5C31BA



53545C



001A9C



00051C



# Inverse Universe

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



BA3148



F21D41



8FBA31



5C5354



9C001A

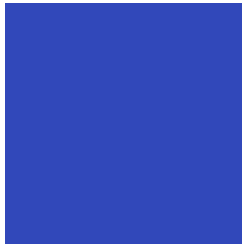


1C0005



# Previews

## White Background



This preview shows how the Hex color 3148BA looks on a white background.

## Color Contrast Check

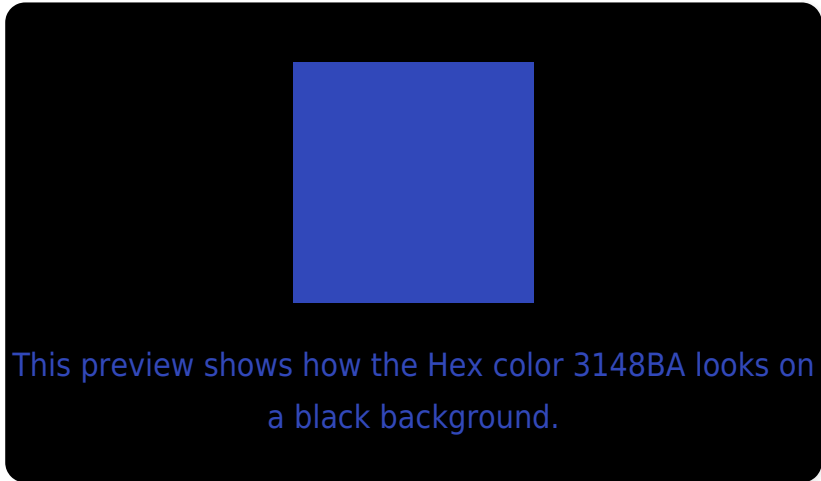
Large Text (above 18pt) WCAG AA ✓ Pass

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

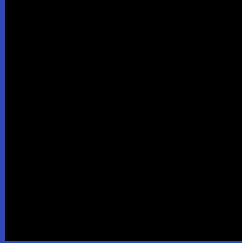
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3148BA Background



This preview shows how black text looks on a background with the Hex color 3148BA.

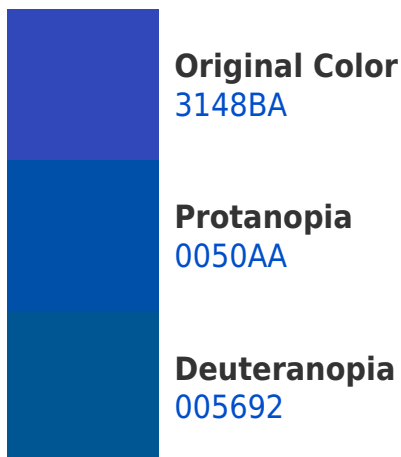


This preview shows how white text looks on a background with the Hex color 3148BA.

# 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**  
005D63

# Trichromacy



**Original Color**  
3148BA

**Protanomaly**  
124DB0

**Deuteranomaly**  
1251A1

**Tritanomaly**  
125583

# Monochromacy



**Original Color**  
3148BA

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
434C75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3148BA 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 #3148BA looks like.

```
.text, #text, p{  
    color:#3148BA  
}
```

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 #3148BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3148BA
}
```

## Border

The CSS property to change the border of an element to Hex 3148BA 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
#3148BA }
```

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

```
.border{ border-color:#3148BA }
```

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

Here you see how a box with a 4 pixel #3148BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3148BA; -webkit-box-shadow:4px 4px  
4px 4px #3148BA; box-shadow:4px 4px 4px  
4px #3148BA }
```

# Background

The CSS property to change the background color of an element to Hex 3148BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3148BA }
```

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

```
.background{ background-color:#3148BA }
```

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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