

# Converting Colors

Decimal(18349)

Have a look what the booklet for  
Decimal(18349) contains.

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# Color

**Decimal(18349)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0047AD
RGB	0, 71, 173
RGB Percent	0%, 28%, 68%
CMY	1.0000, 0.7216, 0.3216
CMYK	1.00, 0.59, 0.00, 0.32
HSL	215°, 100%, 34%
HSV	215°, 100%, 68%
XYZ	9.7961, 7.5236, 40.4711
YIQ	61.3990, -75.0580, 16.6700

# Conversions

## Conversions Part 2

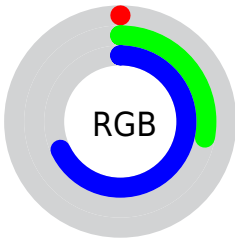
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 50, 173
Decimal	18349
CIELab	32.97, 23.35, -59.37
CIELCh	33, 63.794, 291.468
Yxy	7.5236, 0.1695, 0.1302
Android (android.graphics.Color)	4278208429 (0xFF0047AD)
YUV	61.3990, 55.0193, -53.8469
Hunter-Lab	27.4292, 15.7484, -68.2804

# Details

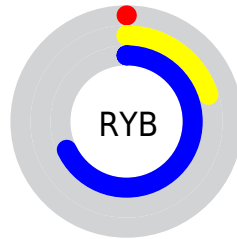
The Decimal color **18349** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **11363840**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **5994469**, and **7543** is the 20% darker color. If you saturate the color by 10%, you get **18349**, and if you desaturate by 10%, it is **1135021**.

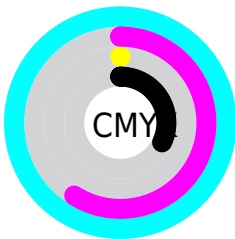
# Distribution



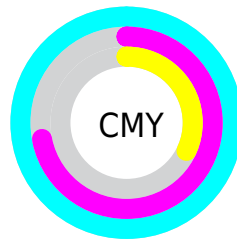
- Red (0%)
- Green (28%)
- Blue (68%)



- Red (0%)
- Yellow (20%)
- Blue (68%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (32%)



















- Cyan (100%)
- Magenta (72%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 18349 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 Decimal color 18349 by changing the saturation by 10% instead.



 18349	 18349
 16777215	 12690
 5994469	 7543
 8032511	 1886
 10005503	 2117
 11912959	 1070
 13886207	 281
 15859455	 0

 18349

 1135021

■ 2317229

■ 3434157

■ 4550829

■ 5733037

■ 6849709

■ 7966381

■ 9083309

■ 10265517

# Harmonies

## Analogous

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



22963



18349



7940237

# Triad

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



18349



9317376



24893

# Complementary

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



18349



11363840

# 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.



24064



18349



7095808

# Square

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



18349



10551341



4019712



25201

# Rectangle

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



18349



9764975



4019712



24619



# Sweetspot

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



18349



10336736



44389



4741232



15790320



7368816



# Same Dimension

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



18349



23776



917677



5132887



16022



2327



# Inverse Universe

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



11337799



14680156



10464512



5721682



9830462



1507337



# Previews

## White Background



This preview shows how the Decimal color 18349 looks on a white background.

## Color Contrast Check

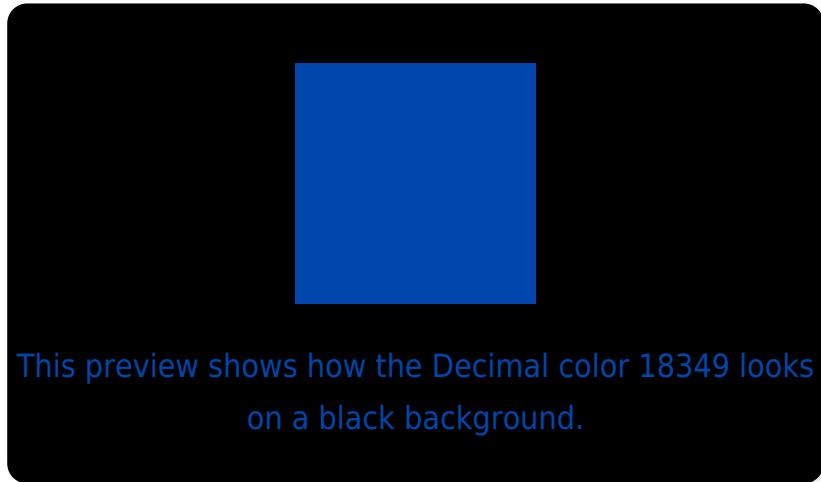
Large Text (above 18pt) WCAG AA ✓ Pass

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

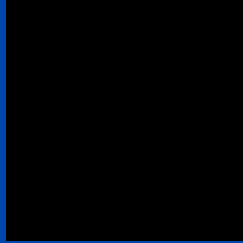
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 18349 Background



This preview shows how black text looks on a background with the Decimal color 18349.



This preview shows how white text looks on a background with the Decimal color 18349.

# 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



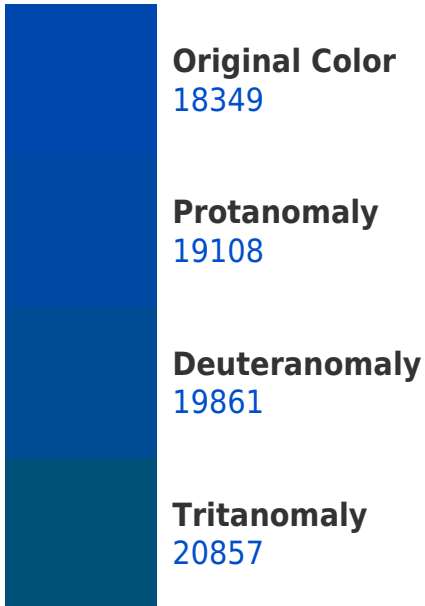
**Original Color**  
18349

**Protanopia**  
19359

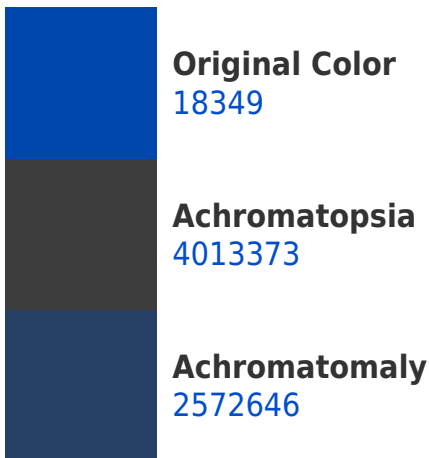
**Deuteranopia**  
20616



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 18349 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 #0047AD looks like.

```
.text, #text, p{  
    color:#0047AD  
}
```

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 #0047AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0047AD
}
```

## Border

The CSS property to change the border of an element to Decimal 18349 is called "border". The border property can be set on classes, ids or directly on the HTML element.

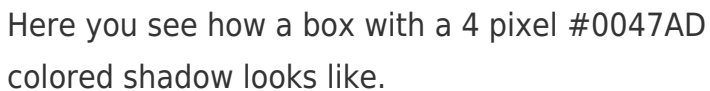
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0047AD }
```

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

```
.border{ border-color:#0047AD }
```

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



Here you see how a box with a 4 pixel #0047AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0047AD; -webkit-box-shadow:4px 4px  
4px 4px #0047AD; box-shadow:4px 4px 4px  
4px #0047AD }
```

# Background

The CSS property to change the background color of an element to Decimal 18349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0047AD }
```

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

```
.background{ background-color:#0047AD }
```

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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