

# Converting Colors

Decimal(6349)

Have a look what the booklet for  
Decimal(6349) contains.

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# Color

**Decimal(6349)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0018CD
RGB	0, 24, 205
RGB Percent	0%, 9%, 80%
CMY	1.0000, 0.9059, 0.1961
CMYK	1.00, 0.88, 0.00, 0.20
HSL	233°, 100%, 40%
HSV	233°, 100%, 80%
XYZ	11.3461, 5.0610, 58.1365
YIQ	37.4580, -72.4050, 51.2030

# Conversions

## Conversions Part 2

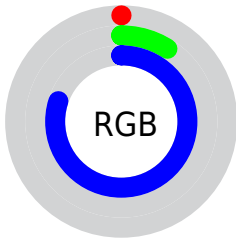
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 21, 205
Decimal	6349
CIELab	26.91, 61.24, -88.27
CIELCh	27, 107.438, 304.752
Yxy	5.0610, 0.1522, 0.0679
Android (android.graphics.Color)	4278196429 (0xFF0018CD)
YUV	37.4580, 82.5982, -32.8507
Hunter-Lab	22.4968, 50.6558, -137.4704

# Details

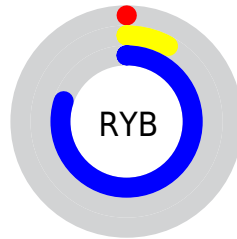
The Decimal color **6349** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **13481216**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **6966527**, and **149** is the 20% darker color. If you saturate the color by 10%, you get **6349**, and if you desaturate by 10%, it is **1321677**.

# Distribution



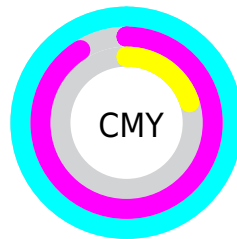
- Red (0%)
- Green (9%)
- Blue (80%)



- Red (0%)
- Yellow (8%)
- Blue (80%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (20%)





















- Cyan (100%)
- Magenta (91%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6349 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 6349 by changing the saturation by 10% instead.



 6349	 6349
 16777215	 177
 6966527	 149
 9135615	 122
 11239679	 2912
 13343487	 2119
 15382271	 1072
 16765695	 282
 16773119	 0

 6349

■ 1321677

■ 2702541

■ 4083405

■ 5398733

■ 6779853

■ 8095181

■ 9476045

■ 10791373

■ 12172237

# Harmonies

## Analogous

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



19949



6349



10551432

# Triad

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



6349



8523264



22348

# Complementary

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



6349



13481216

# 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.



21760



6349



4407808

# Square

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



6349



11403264



20480



23199

# Rectangle

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



6349



12255314



20480



22318



# Sweetspot

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



6349



11779071



52658



5396352



0



8421504



# Same Dimension

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



6349



7935



4915405



6053222



5030



1062



# Inverse Universe

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



13434904



16711710



8572160



6708317



10878995

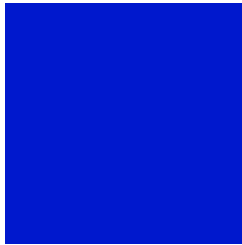


2490372



# Previews

## White Background



This preview shows how the Decimal color 6349 looks on a white background.

## Color Contrast Check

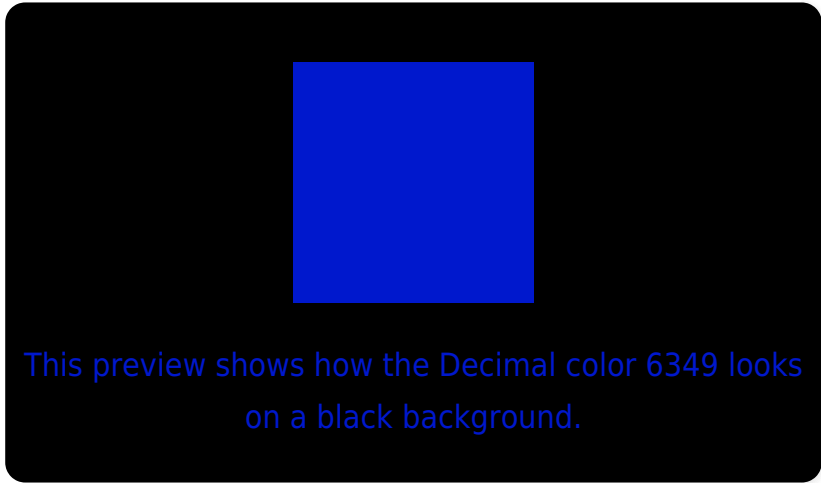
Large Text (above 18pt) WCAG AA ✓ Pass

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

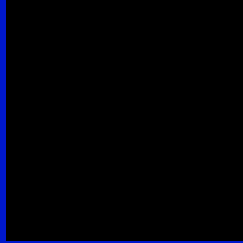
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6349 Background



This preview shows how black text looks on a background with the Decimal color 6349.

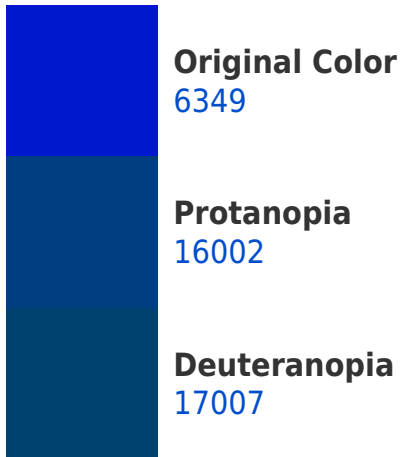


This preview shows how white text looks on a background with the Decimal color 6349.

# Color Blindness Simulation

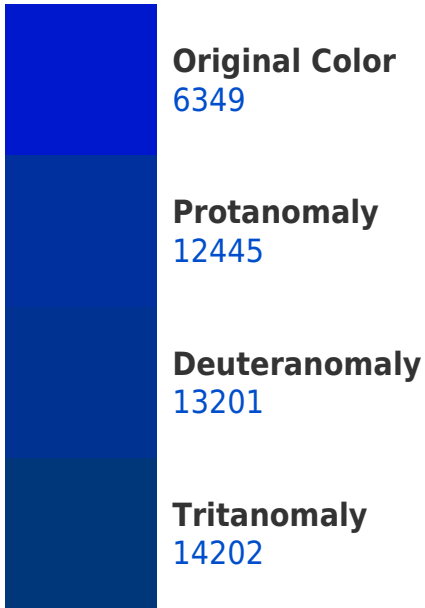
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

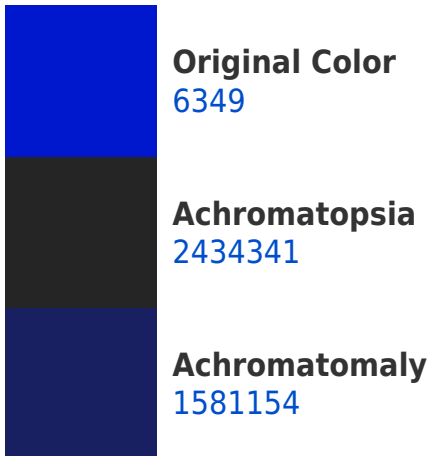




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6349 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 #0018CD looks like.

```
.text, #text, p{  
    color:#0018CD  
}
```

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 #0018CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0018CD
}
```

## Border

The CSS property to change the border of an element to Decimal 6349 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
#0018CD }
```

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

```
.border{ border-color:#0018CD }
```

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

Here you see how a box with a 4 pixel #0018CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0018CD; -webkit-box-shadow:4px 4px  
4px 4px #0018CD; box-shadow:4px 4px 4px  
4px #0018CD }
```

# Background

The CSS property to change the background color of an element to Decimal 6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0018CD }
```

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

```
.background{ background-color:#0018CD }
```

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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