

# Converting Colors

Decimal(76249)

Have a look what the booklet for  
Decimal(76249) contains.

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# Color

**Decimal(76249)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0129D9
RGB	1, 41, 217
RGB Percent	0%, 16%, 85%
CMY	0.9961, 0.8392, 0.1490
CMYK	1.00, 0.81, 0.00, 0.15
HSL	229°, 99%, 43%
HSV	229°, 100%, 85%
XYZ	13.3298, 6.6021, 66.2174
YIQ	49.1040, -80.3360, 46.2560

# Conversions

## Conversions Part 2

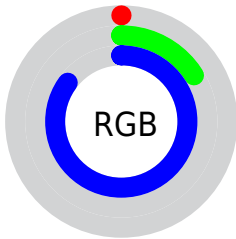
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 35, 217
Decimal	76249
CIE <sub>Lab</sub>	30.88, 57.69, -88.61
CIE <sub>LCh</sub>	31, 105.739, 303.066
Yxy	6.6021, 0.1547, 0.0766
Android (android.graphics.Color)	4278266329 (0xFF0129D9)
YUV	49.1040, 82.7727, -42.1872
Hunter-Lab	25.6945, 47.6371, -134.8102

# Details

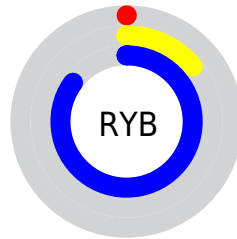
The Decimal color **76249** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **14266625**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **7101183**, and **160** is the 20% darker color. If you saturate the color by 10%, you get **10457**, and if you desaturate by 10%, it is **1522649**.

# Distribution



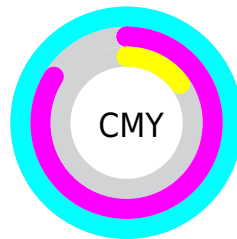
- Red (0%)
- Green (16%)
- Blue (85%)



- Red (0%)
- Yellow (14%)
- Blue (85%)



- Cyan (100%)
- Magenta (81%)
- Yellow (0%)
- Black (15%)






















- Cyan (100%)
- Magenta (84%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 76249 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 76249 by changing the saturation by 10% instead.



 76249	 76249
 16777215	 4284
 7101183	 160
 9336063	 133
 11439871	 1387
 13543935	 2897
 15648255	 1337
 16769535	 547
 16776959	 10
	 0

■ 76249

■ 76249

■ 10457

■ 1522649

■ 2903257

■ 4349657

■ 5796057

■ 7242201

■ 8623065

■ 10069465

■ 11515609

■ 12896473

# Harmonies

## Analogous

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



22518



76249



11075734

# Triad

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



76249



9508608



25168

# Complementary

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



76249



14266625

# 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.



24320



76249



5392896

# Square

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



76249



12320768



23040



25764

# Rectangle

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



76249



12910688



23040



24882



# Sweetspot

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



76249



11780607



121262



5397120



0



8421504



# Same Dimension

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



76249



12287



4325849



6514030



8365



2350



# Inverse Universe

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



14221609



16711727



10017025



7234405



11337760

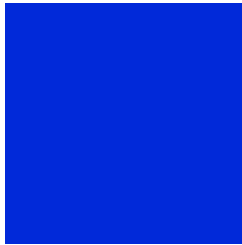


3014664



# Previews

## White Background



This preview shows how the Decimal color 76249 looks on a white background.

## Color Contrast Check

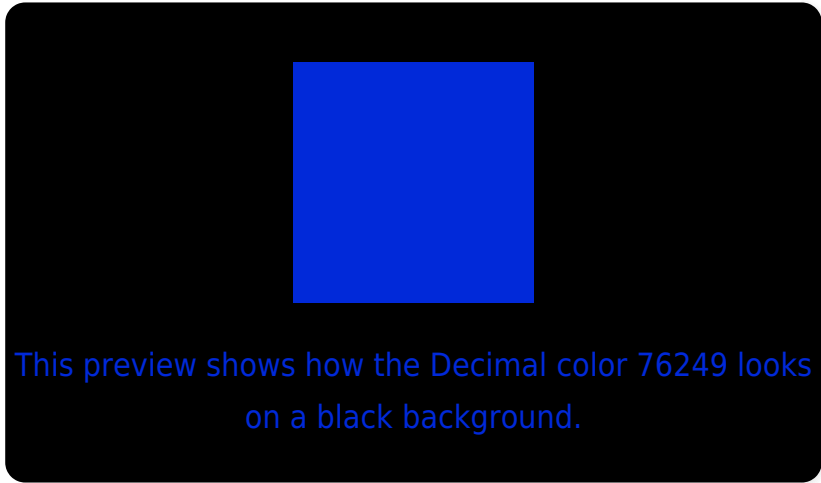
Large Text (above 18pt) WCAG AA ✓ Pass

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

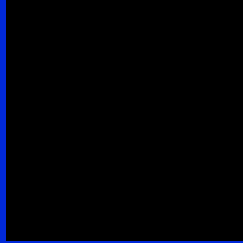
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 76249 Background



This preview shows how black text looks on a background with the Decimal color 76249.

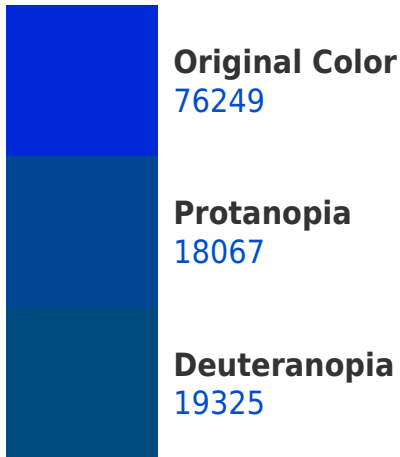


This preview shows how white text looks on a background with the Decimal color 76249.

# 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



**Original Color**  
76249

**Protanomaly**  
15276

**Deuteranomaly**  
16286

# Monochromacy



**Original Color**  
76249

**Achromatopsia**  
3223857

**Achromatomaly**  
2109038

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 76249 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 #0129D9 looks like.

```
.text, #text, p{  
    color:#0129D9  
}
```

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 #0129D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0129D9
}
```

## Border

The CSS property to change the border of an element to Decimal 76249 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
#0129D9 }
```

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

```
.border{ border-color:#0129D9 }
```

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

Here you see how a box with a 4 pixel #0129D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0129D9; -webkit-box-shadow:4px 4px  
4px 4px #0129D9; box-shadow:4px 4px 4px  
4px #0129D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 76249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0129D9 }
```

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

```
.background{ background-color:#0129D9 }
```

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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