

# Converting Colors

Decimal(16299)

Have a look what the booklet for  
Decimal(16299) contains.

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# Color

**Decimal(16299)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003FAB
RGB	0, 63, 171
RGB Percent	0%, 25%, 67%
CMY	1.0000, 0.7529, 0.3294
CMYK	1.00, 0.63, 0.00, 0.33
HSL	218°, 100%, 34%
HSV	218°, 100%, 67%
XYZ	9.1282, 6.4953, 39.3007
YIQ	56.4750, -72.2160, 20.2320

# Conversions

## Conversions Part 2

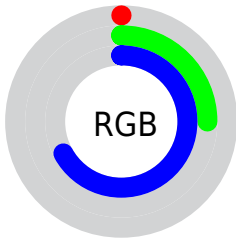
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 46, 171
Decimal	16299
CIE <sub>Lab</sub>	30.63, 27.99, -62.00
CIE <sub>LCh</sub>	31, 68.028, 294.292
Yxy	6.4953, 0.1662, 0.1183
Android (android.graphics.Color)	4278206379 (0xFF003FAB)
YUV	56.4750, 56.4608, -49.5286
Hunter-Lab	25.4859, 19.3326, -73.5886

# Details

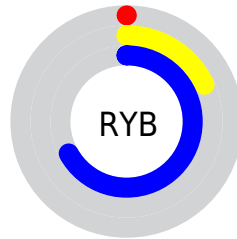
The Decimal color **16299** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **11234304**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **5992163**, and **6006** is the 20% darker color. If you saturate the color by 10%, you get **16299**, and if you desaturate by 10%, it is **1133227**.

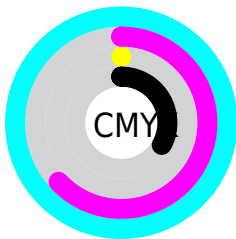
# Distribution



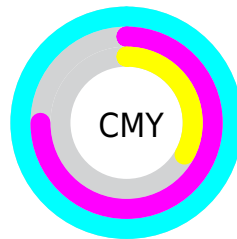
- Red (0%)
- Green (25%)
- Blue (67%)



- Red (0%)
- Yellow (18%)
- Blue (67%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (33%)



















- Cyan (100%)
- Magenta (75%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16299 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 16299 by changing the saturation by 10% instead.



 16299	 16299
 16777215	 10896
 5992163	 6006
 8030207	 92
 10002943	 1860
 11910399	 812
 13883647	 279
 15922431	 0

 16299

 1133227

■ 2250155

■ 3366827

■ 4483755

■ 5600683

■ 6783147

■ 7900075

■ 9016747

■ 10133675

# Harmonies

## Analogous

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



21428



16299



8066439

# Triad

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



16299



8857088



23612

# Complementary

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



16299



11234304

# 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.



22784



16299



6439680

# Square

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



16299



10289185



3035648



23923

# Rectangle

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



16299



9764966



3035648



23337



# Sweetspot

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



16299



10204382



43881



4740976



15790320



7368816



# Same Dimension

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



16299



21214



1310891



5132631



14230



2071



# Inverse Universe

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



11206719



14549074



9939712



5721681



9830455



1507336



# Previews

## White Background



This preview shows how the Decimal color 16299 looks on a white background.

## Color Contrast Check

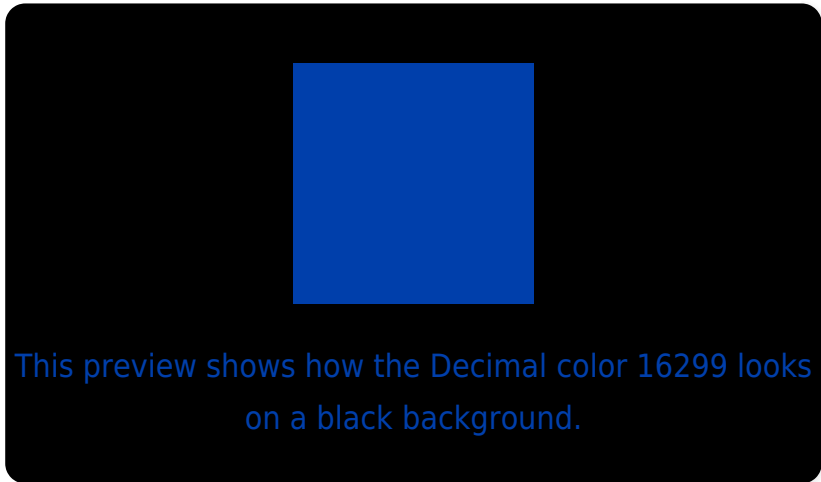
Large Text (above 18pt) WCAG AA ✓ Pass

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

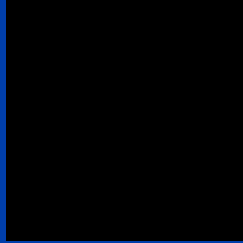
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 16299 Background



This preview shows how black text looks on a background with the Decimal color 16299.



This preview shows how white text looks on a background with the Decimal color 16299.

# 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



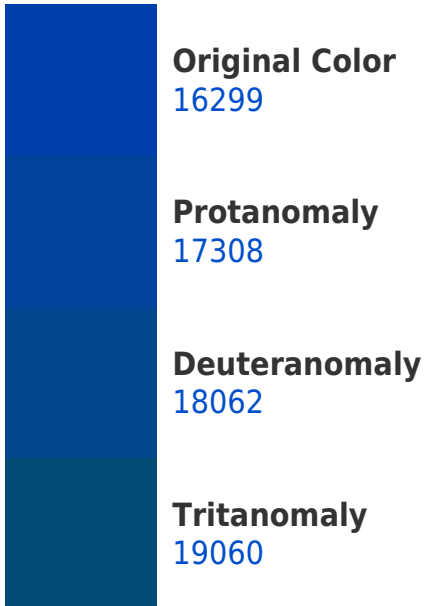
**Original Color**  
16299

**Protanopia**  
18068

**Deuteranopia**  
19070



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16299 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 #003FAB looks like.

```
.text, #text, p{  
    color:#003FAB  
}
```

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 #003FAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003FAB
}
```

## Border

The CSS property to change the border of an element to Decimal 16299 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
#003FAB }
```

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

```
.border{ border-color:#003FAB }
```

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

Here you see how a box with a 4 pixel #003FAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003FAB; -webkit-box-shadow:4px 4px  
4px 4px #003FAB; box-shadow:4px 4px 4px  
4px #003FAB }
```

# Background

The CSS property to change the background color of an element to Decimal 16299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003FAB }
```

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

```
.background{ background-color:#003FAB }
```

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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