

# Converting Colors

Decimal(2731)

Have a look what the booklet for  
Decimal(2731) contains.

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# Color

**Decimal(2731)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	000AAB
RGB	0, 10, 171
RGB Percent	0%, 4%, 67%
CMY	1.0000, 0.9608, 0.3294
CMYK	1.00, 0.94, 0.00, 0.33
HSL	236°, 100%, 34%
HSV	236°, 100%, 67%
XYZ	7.4592, 3.1574, 38.7444
YIQ	25.3640, -57.6410, 47.9510

# Conversions

## Conversions Part 2

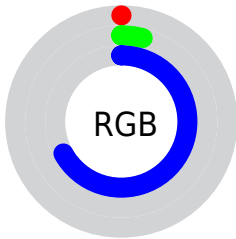
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 9, 171
Decimal	2731
CIELab	20.66, 56.04, -78.51
CIELCh	21, 96.459, 305.517
Yxy	3.1574, 0.1511, 0.0640
Android (android.graphics.Color)	4278192811 (0xFF000AAB)
YUV	25.3640, 71.7985, -22.2442
Hunter-Lab	17.7690, 43.8368, -116.8408

# Details

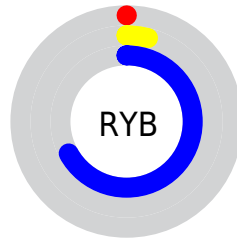
The Decimal color **2731** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **11247872**, and the grayscale version is **1644825**.

A 20% lighter version of the original color is **6307812**, and **117** is the 20% darker color. If you saturate the color by 10%, you get **2731**, and if you desaturate by 10%, it is **1120939**.

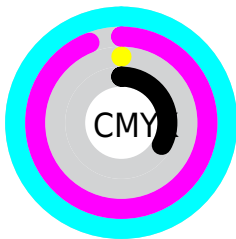
# Distribution



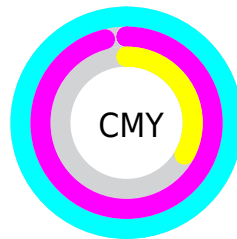
- Red (0%)
- Green (4%)
- Blue (67%)



- Red (0%)
- Yellow (4%)
- Blue (67%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (96%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2731 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 2731 by changing the saturation by 10% instead.




 2731  2731

 16776703  144

 6307812  117

 8411391  347

 10384127  1859

 12422655  811

 14461183  278

 16434431  0

 16769279

 2731

■ 1120939

■ 2239147

■ 3357355

■ 4475563

■ 5593771

■ 6777771

■ 7895979

■ 9014187

■ 10132395

# Harmonies

## Analogous

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



16072



2731



8847471

# Triad

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



2731



6948608



17982

# Complementary

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



2731



11247872

# 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.



17664



2731



3355904

# Square

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



2731



9437184



16384



18822

# Rectangle

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



2731



10223680



16384



17701



# Sweetspot

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



2731



10199006



43936



4737648



15790320



7368816



# Same Dimension

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



2731



3550



4849835



5132119



2454



279



# Inverse Universe

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



11206666



14549005



6400768



5721679



9830409

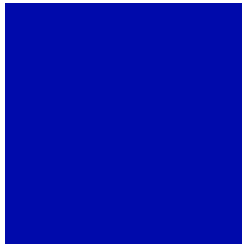


1507329



# Previews

## White Background



This preview shows how the Decimal color 2731 looks on a white background.

## Color Contrast Check

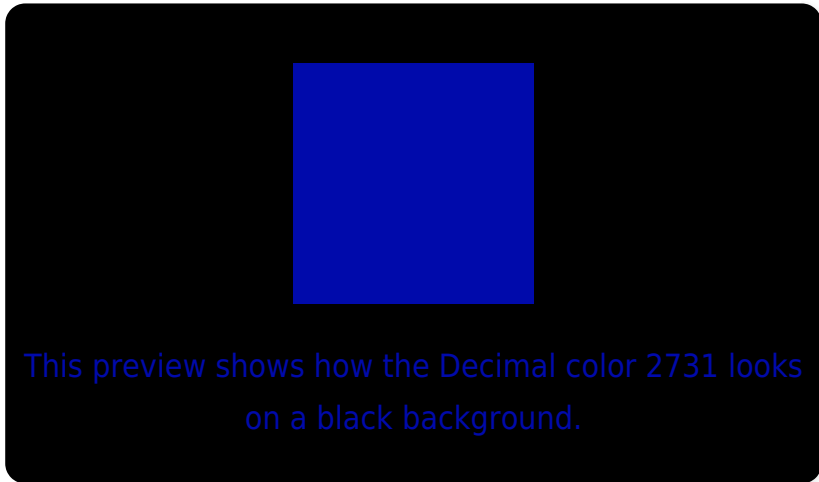
Large Text (above 18pt) WCAG AA ✓ Pass

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

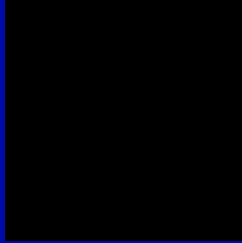
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2731 Background



This preview shows how black text looks on a background with the Decimal color 2731.

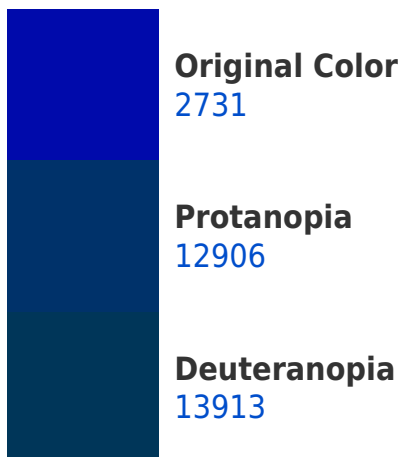


This preview shows how white text looks on a background with the Decimal color 2731.

# 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**  
2731

**Protanomaly**  
9090

**Deuteranomaly**  
9847

# Monochromacy



**Original Color**  
2731

**Achromatopsia**  
1644825

**Achromatomaly**  
1053774

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2731 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 #000AAB looks like.

```
.text, #text, p{  
    color:#000AAB  
}
```

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 #000AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000AAB
}
```

## Border

The CSS property to change the border of an element to Decimal 2731 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
#000AAB }
```

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

```
.border{ border-color:#000AAB }
```

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

Here you see how a box with a 4 pixel #000AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000AAB; -webkit-box-shadow:4px 4px  
4px 4px #000AAB; box-shadow:4px 4px 4px  
4px #000AAB }
```

# Background

The CSS property to change the background color of an element to Decimal 2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000AAB }
```

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

```
.background{ background-color:#000AAB }
```

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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