

# Converting Colors

Decimal(10411)

Have a look what the booklet for  
Decimal(10411) contains.

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# Color

**Decimal(10411)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0028AB
RGB	0, 40, 171
RGB Percent	0%, 16%, 67%
CMY	1.0000, 0.8431, 0.3294
CMYK	1.00, 0.77, 0.00, 0.33
HSL	226°, 100%, 34%
HSV	226°, 100%, 67%
XYZ	8.1095, 4.4579, 38.9611
YIQ	42.9740, -65.8910, 32.2610

# Conversions

## Conversions Part 2

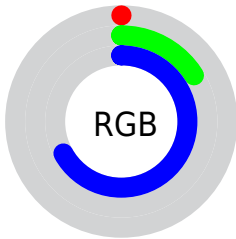
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 32, 171
Decimal	10411
CIELab	25.13, 42.83, -71.07
CIELCh	25, 82.981, 301.074
Yxy	4.4579, 0.1574, 0.0865
Android (android.graphics.Color)	4278200491 (0xFF0028AB)
YUV	42.9740, 63.1168, -37.6882
Hunter-Lab	21.1136, 31.6107, -94.6286

# Details

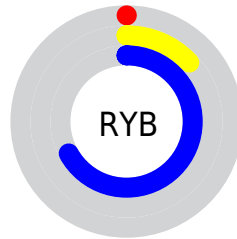
The Decimal color **10411** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **11240192**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **6117092**, and **117** is the 20% darker color. If you saturate the color by 10%, you get **10411**, and if you desaturate by 10%, it is **1127851**.

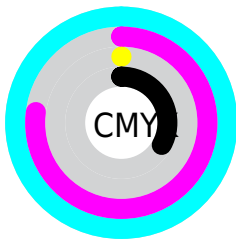
# Distribution



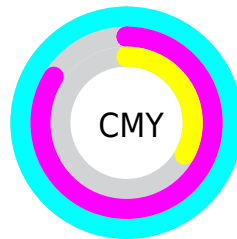
- Red (0%)
- Green (16%)
- Blue (67%)



- Red (0%)
- Yellow (13%)
- Blue (67%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (33%)




















- Cyan (100%)
- Magenta (84%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10411 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 10411 by changing the saturation by 10% instead.



 10411	 10411
 16777215	 5008
 6117092	 117
 8220671	 92
 10193407	 1859
 12166143	 812
 14139391	 278
 16178175	 0
 16775167	

 10411

■ 1127851

■ 2245291

■ 3362731

■ 4480171

■ 5597867

■ 6780843

■ 7898283

■ 9015723

■ 10133163

# Harmonies

## Analogous

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



18110



10411



8519802

# Triad

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



10411



7804416



20541

# Complementary

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



10411



11240192

# 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.



19968



10411



4733696

# Square

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



10411



9895936



18688



20860

# Rectangle

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



10411



10092625



18688



20262



# Sweetspot

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



10411



10202078



43904



4739440



15790320



7368816



# Same Dimension

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



10411



13534



2818219



5132375



9110



1303



# Inverse Universe

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



11206696



14549044



8432384



5721680



9830435

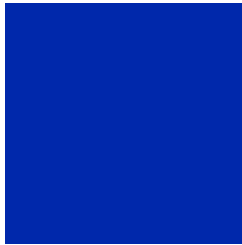


1507333



# Previews

## White Background



This preview shows how the Decimal color 10411 looks on a white background.

## Color Contrast Check

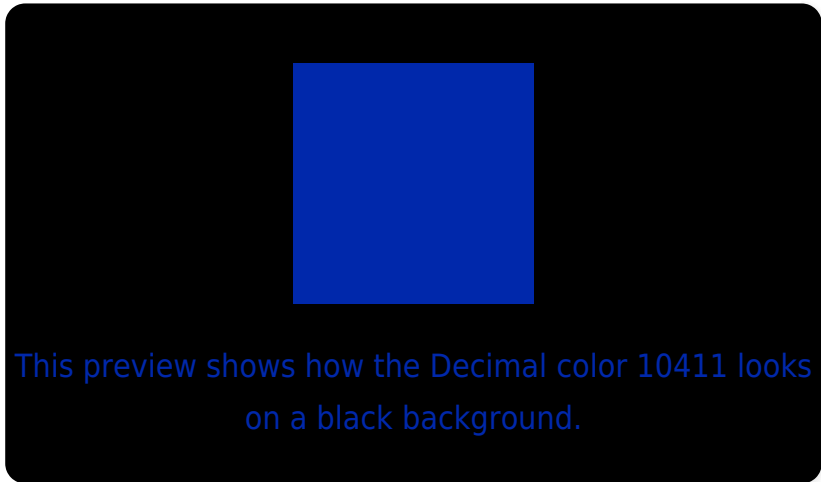
Large Text (above 18pt) WCAG AA ✓ Pass

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

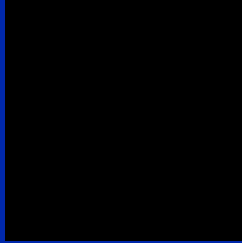
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10411 Background



This preview shows how black text looks on a background with the Decimal color 10411.

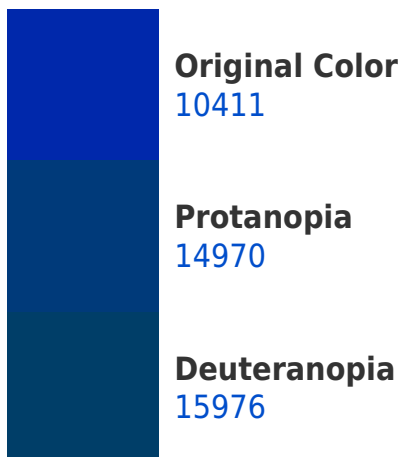


This preview shows how white text looks on a background with the Decimal color 10411.

# Color Blindness Simulation

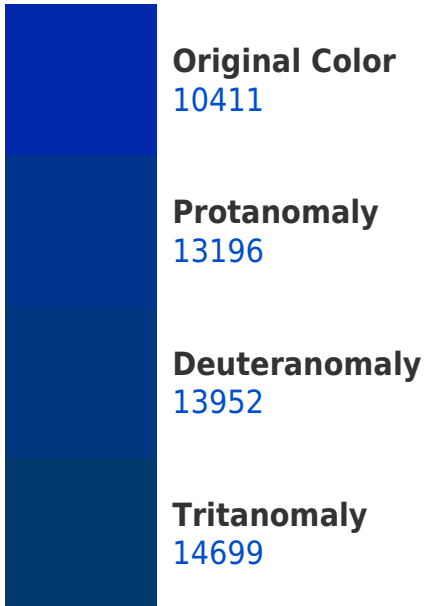
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

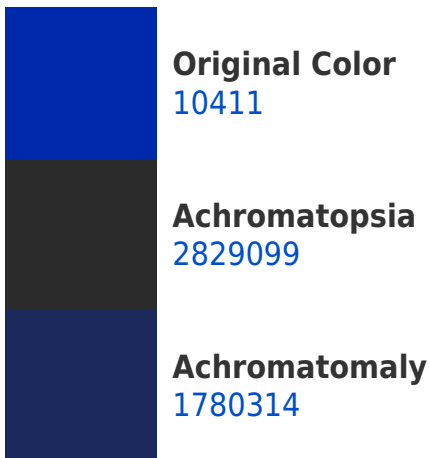




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10411 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 #0028AB looks like.

```
.text, #text, p{  
  color:#0028AB  
}
```

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 #0028AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0028AB
}
```

## Border

The CSS property to change the border of an element to Decimal 10411 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
#0028AB }
```

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

```
.border{ border-color:#0028AB }
```

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

Here you see how a box with a 4 pixel #0028AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0028AB; -webkit-box-shadow:4px 4px  
4px 4px #0028AB; box-shadow:4px 4px 4px  
4px #0028AB }
```

# Background

The CSS property to change the background color of an element to Decimal 10411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0028AB }
```

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

```
.background{ background-color:#0028AB }
```

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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