

# Converting Colors

Decimal(272582)

Have a look what the booklet for  
Decimal(272582) contains.

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# Color

**Decimal(272582)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0428C6
RGB	4, 40, 198
RGB Percent	2%, 16%, 78%
CMY	0.9843, 0.8431, 0.2235
CMYK	0.98, 0.80, 0.00, 0.22
HSL	229°, 96%, 40%
HSV	229°, 98%, 78%
XYZ	11.0019, 5.6206, 53.9311
YIQ	47.2480, -72.1740, 41.5060

# Conversions

## Conversions Part 2

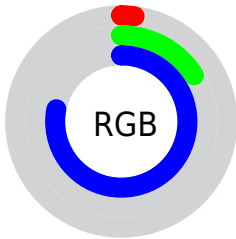
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 34, 198
Decimal	272582
CIE <sub>Lab</sub>	28.43, 52.15, -81.63
CIE <sub>LCh</sub>	28, 96.867, 302.572
Yxy	5.6206, 0.1559, 0.0797
Android (android.graphics.Color)	4278462662 (0xFF0428C6)
YUV	47.2480, 74.3207, -37.9285
Hunter-Lab	23.7078, 41.3464, -118.2787

# Details

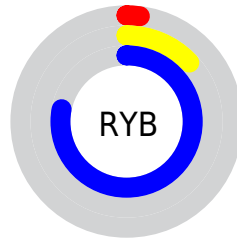
The Decimal color **272582** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **13017604**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **6772991**, and **142** is the 20% darker color. If you saturate the color by 10%, you get **9670**, and if you desaturate by 10%, it is **1587398**.

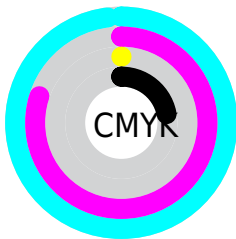
# Distribution



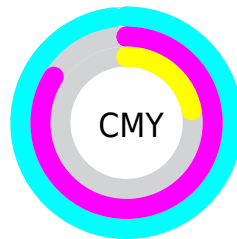
- Red (2%)
- Green (16%)
- Blue (78%)



- Red (2%)
- Yellow (13%)
- Blue (78%)



- Cyan (98%)
- Magenta (80%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (84%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 272582 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 272582 by changing the saturation by 10% instead.



 272582  272582

16777215  4522

 6772991  142

 8942079  116

 10980351  2906

 13018879  1858

 15057663  811

 16768767  277

 16776191  0

 272582  272582

■ 9670

■ 1587398

■ 2902214

■ 4151494

■ 5466566

■ 6781382

■ 8096198

■ 9411014

■ 10660294

■ 11975110

# Harmonies

## Analogous

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



20703



272582



10027146

# Triad

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



272582



8787712



23112

# Complementary

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



272582



13017604

# 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.



22528



272582



5129216

# Square

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



272582



11337728



21248



23700

# Rectangle

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



272582



11731033



21248



22829



# Sweetspot

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



272582



11912191



312991



5462912



0



8421504



# Same Dimension

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



272582



12287



4064454



5921635



7843



1828



# Inverse Universe

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



12977192



16711727



9225732



6511195



10682398

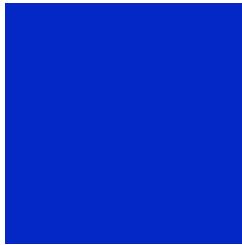


2359303



# Previews

## White Background



This preview shows how the Decimal color 272582 looks on a white background.

### Color Contrast Check

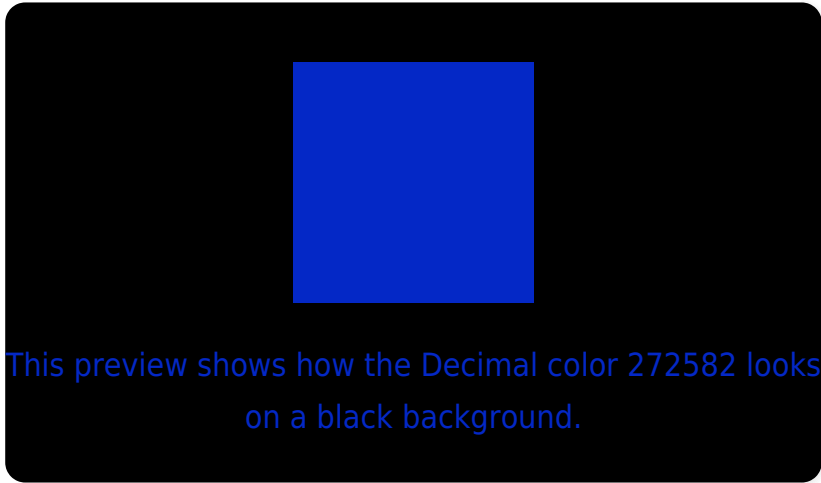
Large Text (above 18pt) WCAG AA ✓ Pass

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

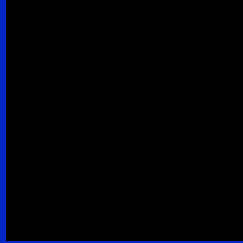
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 272582 Background



This preview shows how black text looks on a background with the Decimal color 272582.

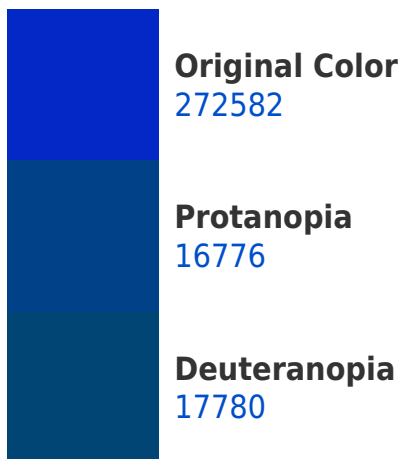


This preview shows how white text looks on a background with the Decimal color 272582.

# Color Blindness Simulation

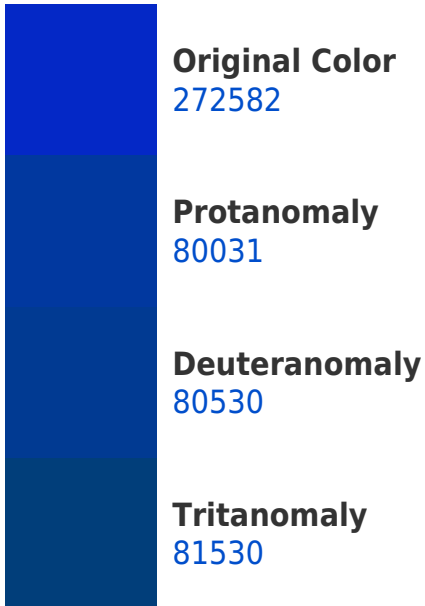
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

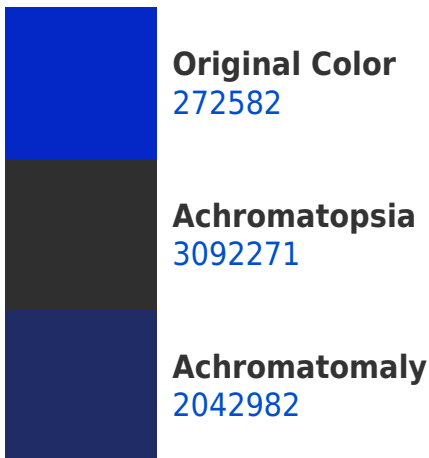




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 272582 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 #0428C6 looks like.

```
.text, #text, p{  
    color:#0428C6  
}
```

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 #0428C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0428C6
}
```

## Border

The CSS property to change the border of an element to Decimal 272582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

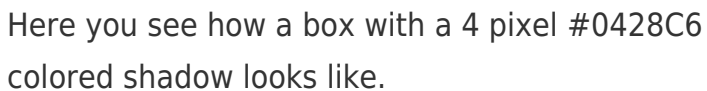
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0428C6 }
```

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

```
.border{ border-color:#0428C6 }
```

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



Here you see how a box with a 4 pixel #0428C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0428C6; -webkit-box-shadow:4px 4px  
4px 4px #0428C6; box-shadow:4px 4px 4px  
4px #0428C6 }
```

# Background

The CSS property to change the background color of an element to Decimal 272582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0428C6 }
```

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

```
.background{ background-color:#0428C6 }
```

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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