

# Converting Colors

Decimal(4278422)

Have a look what the booklet for  
Decimal(4278422) contains.

<b>Decimal(4278422)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(4278422)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	414896
RGB	65, 72, 150
RGB Percent	25%, 28%, 59%
CMY	0.7451, 0.7176, 0.4118
CMYK	0.57, 0.52, 0.00, 0.41
HSL	235°, 40%, 42%
HSV	235°, 57%, 59%
XYZ	10.0024, 7.9606, 29.8635
YIQ	78.7990, -29.2100, 22.7740

# Conversions

## Conversions Part 2

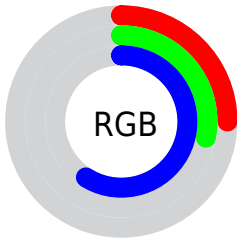
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	65, 71, 150
Decimal	4278422
CIE <sub>Lab</sub>	33.90, 20.97, -43.91
CIE <sub>LCh</sub>	34, 48.660, 295.531
Yxy	7.9606, 0.2091, 0.1664
Android (android.graphics.Color)	4282468502 (0xFF414896)
<b>YUV</b>	78.7990, 35.1021, -12.1017
Hunter-Lab	28.2145, 13.9051, -43.0052

# Details

The Decimal color **4278422** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **9867073**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **7895245**, and **7522** is the 20% darker color. If you saturate the color by 10%, you get **3291798**, and if you desaturate by 10%, it is **5265046**.

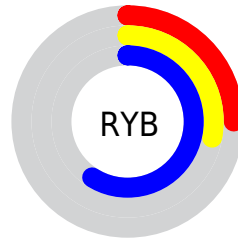
# Distribution



Red (25%)

Green (28%)

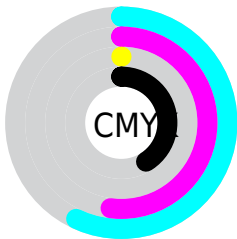
Blue (59%)



Red (25%)

Yellow (28%)

Blue (59%)

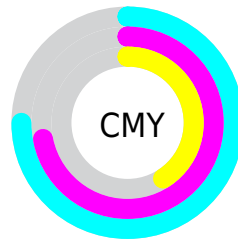


Cyan (57%)

Magenta (52%)

Yellow (0%)

Black (41%)



Cyan (75%)

Magenta (72%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4278422 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 4278422 by changing the saturation by 10% instead.





4278422



4278422

16777215



2372220



7895245



7522



9671401



1610



11513343



1075



13420799



541



15328511



0



4278422



4278422



3291798



5265046



2305174



6251670

■ 1318806

■ 7238038

■ 332182

■ 8224662

■ 3222

■ 9211286

■ 10197910

■ 11184278

■ 12170902

■ 13157526

# Harmonies

## Analogous

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



22173



4278422



7878012

# Triad

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



4278422



8535052



24905

# Complementary

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



4278422



9867073

# 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.



24097



4278422



6704128

# Square

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



4278422



9579057



4282112



24944

# Rectangle

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



4278422



9120100



4282112



24635



# Sweetspot

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



4278422



10593474



4298383



5132129



14737632



6381921



# Same Dimension

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



4278422



4082114



6570390



4408138



2954



266



# Inverse Universe

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



9847112



12729929



7575105



4866883



9043979



655361



# Previews

## White Background



This preview shows how the Decimal color 4278422 looks on a white background.

## Color Contrast Check

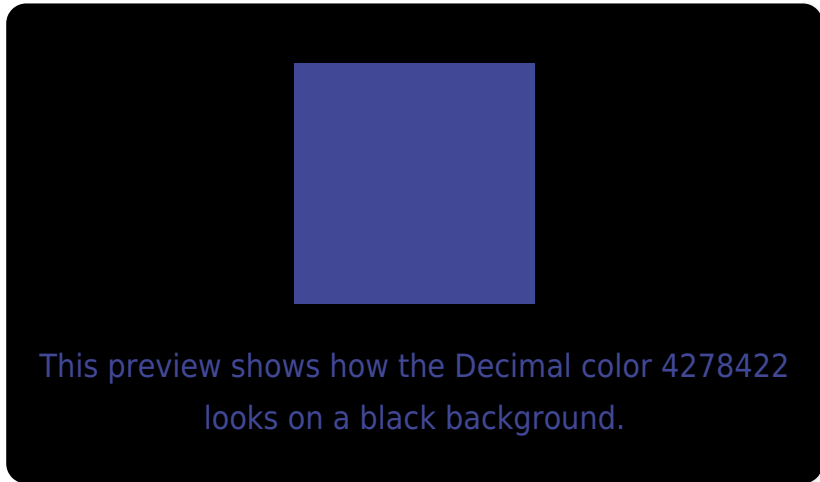
Large Text (above 18pt) WCAG AA ✓ Pass

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

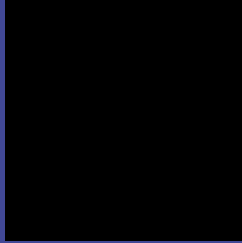
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4278422 Background



This preview shows how black text looks on a background with the Decimal color 4278422.



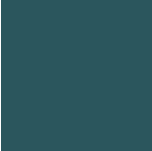
This preview shows how white text looks on a background with the Decimal color 4278422.

# 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





**Tritanopia**  
2840157

# Trichromacy



**Original Color**  
4278422

**Protanomaly**  
2902937

**Deuteranomaly**  
1592978

**Tritanomaly**  
3363186

# Monochromacy



**Original Color**  
4278422

**Achromatopsia**  
5197647

**Achromatomaly**  
4869225

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4278422 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 #414896 looks like.

```
.text, #text, p{  
    color:#414896  
}
```

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 #414896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414896
}
```

## Border

The CSS property to change the border of an element to Decimal 4278422 is called "border". The border property can be set on classes, ids or directly on the HTML element.

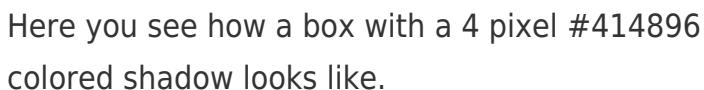
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#414896 }
```

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

```
.border{ border-color:#414896 }
```

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



Here you see how a box with a 4 pixel #414896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414896; -webkit-box-shadow:4px 4px  
4px 4px #414896; box-shadow:4px 4px 4px  
4px #414896 }
```

# Background

The CSS property to change the background color of an element to Decimal 4278422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414896 }
```

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

```
.background{ background-color:#414896 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor