

# Converting Colors

Decimal(3866832)

Have a look what the booklet for  
Decimal(3866832) contains.

<b>Decimal(3866832)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(3866832)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B00D0
RGB	59, 0, 208
RGB Percent	23%, 0%, 82%
CMY	0.7686, 1.0000, 0.1843
CMYK	0.72, 1.00, 0.00, 0.18
HSL	257°, 100%, 41%
HSV	257°, 100%, 82%
XYZ	13.1888, 5.4839, 60.0379
YIQ	41.3530, -31.6040, 77.1960

# Conversions

## Conversions Part 2

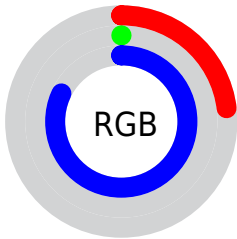
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 0, 208
Decimal	3866832
CIE Lab	28.07, 68.89, -88.02
CIE LCh	28, 111.775, 308.051
Yxy	5.4839, 0.1676, 0.0697
Android (android.graphics.Color)	4282056912 (0xFF3B00D0)
YUV	41.3530, 82.1570, 15.4764
Hunter-Lab	23.4177, 59.5500, -135.6144

# Details

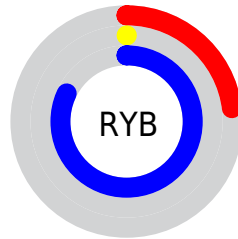
The Decimal color **3866832** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **9818112**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **8537343**, and **152** is the 20% darker color. If you saturate the color by 10%, you get **3866832**, and if you desaturate by 10%, it is **4855248**.

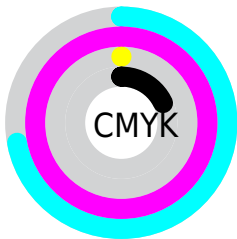
# Distribution



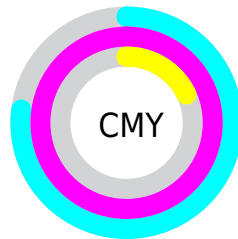
- Red (23%)
- Green (0%)
- Blue (82%)



- Red (23%)
- Yellow (0%)
- Blue (82%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)





















- Cyan (77%)
- Magenta (100%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3866832 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 3866832 by changing the saturation by 10% instead.



 3866832	 3866832
 16777215	 180
 8537343	 152
 10641407	 125
 12679935	 611
 14718463	 2378
 16757247	 1074
 16764671	 540
 16772095	 0

 3866832

■ 4855248

■ 5843664

■ 6831824

■ 7820240

■ 8808656

■ 9731536

■ 10719952

■ 11708112

■ 12696528

# Harmonies

## Analogous

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



20215



3866832



11468933

# Triad

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



3866832



8526592



23385

# Complementary

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



3866832



9818112

# 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



3866832



4015872

# Square

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



3866832



11665408



21760



24239

# Rectangle

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



3866832



12910669



21760



23099



# Sweetspot

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



3866832



13153279



38352



6247040



0



8421504



# Same Dimension

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



3866832



4718847



10682576



6381161



3145896



786473



# Inverse Universe

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



13631637



16711863



3002368



6905446



11010169



2687005



# Previews

## White Background



This preview shows how the Decimal color 3866832 looks on a white background.

## Color Contrast Check

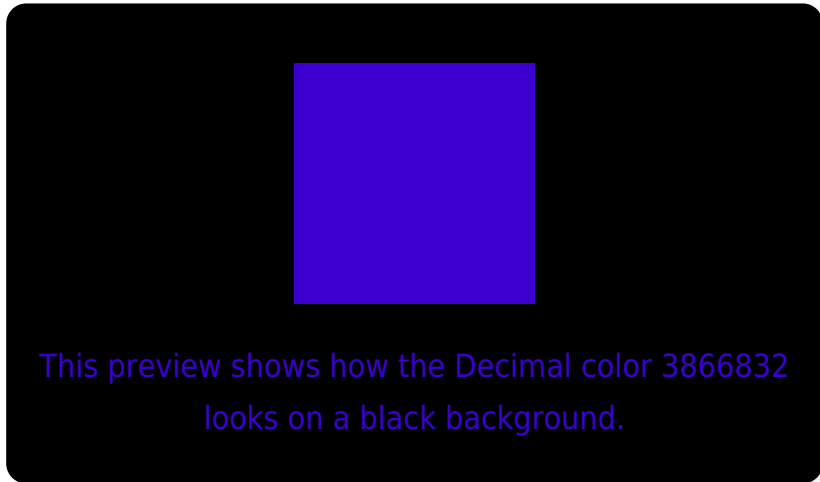
Large Text (above 18pt) WCAG AA ✓ Pass

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

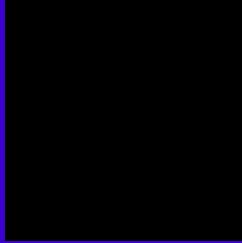
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3866832 Background



This preview shows how black text looks on a background with the Decimal color 3866832.




This preview shows how white text looks on a background with the Decimal color 3866832.

# 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**  
19536

# Trichromacy



**Original Color**  
3866832

**Protanomaly**  
1387171

**Deuteranomaly**  
1387926

**Tritanomaly**  
1388671

# Monochromacy



**Original Color**  
3866832

**Achromatopsia**  
2697513

**Achromatomaly**  
3152486

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3866832 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 #3B00D0 looks like.

```
.text, #text, p{  
    color:#3B00D0  
}
```

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 #3B00D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B00D0
}
```

## Border

The CSS property to change the border of an element to Decimal 3866832 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".

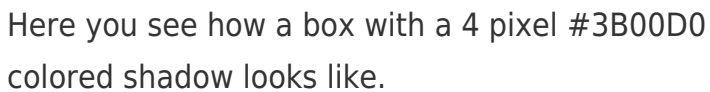
```
.border, #border, table{ border:4px solid
#3B00D0 }
```

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

```
.border{ border-color:#3B00D0 }
```

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

Here you see how a box with a 4 pixel #3B00D0 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B00D0; -webkit-box-shadow:4px 4px  
4px 4px #3B00D0; box-shadow:4px 4px 4px  
4px #3B00D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 3866832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B00D0 }
```

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

```
.background{ background-color:#3B00D0 }
```

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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