

# Converting Colors

Decimal(3755)

Have a look what the booklet for  
Decimal(3755) contains.

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# Color

**Decimal(3755)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	000EAB
RGB	0, 14, 171
RGB Percent	0%, 5%, 67%
CMY	1.0000, 0.9451, 0.3294
CMYK	1.00, 0.92, 0.00, 0.33
HSL	235°, 100%, 34%
HSV	235°, 100%, 67%
XYZ	7.5077, 3.2544, 38.7605
YIQ	27.7120, -58.7410, 45.8590

# Conversions

## Conversions Part 2

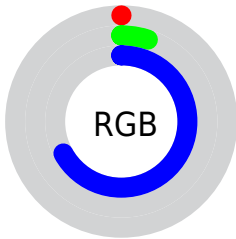
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 13, 171
Decimal	3755
CIELab	21.04, 54.90, -77.89
CIELCh	21, 95.294, 305.177
Yxy	3.2544, 0.1516, 0.0657
Android (android.graphics.Color)	4278193835 (0xFF000EAB)
YUV	27.7120, 70.6410, -24.3034
Hunter-Lab	18.0398, 42.7176, -114.7632

# Details

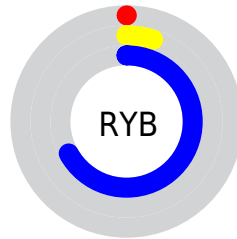
The Decimal color **3755** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **11246848**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **6308324**, and **117** is the 20% darker color. If you saturate the color by 10%, you get **3755**, and if you desaturate by 10%, it is **1121963**.

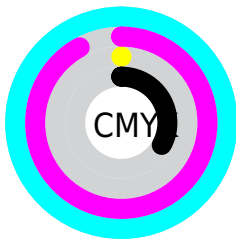
# Distribution



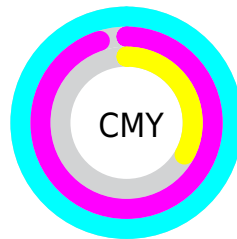
- Red (0%)
- Green (5%)
- Blue (67%)



- Red (0%)
- Yellow (5%)
- Blue (67%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (33%)




















- Cyan (100%)
- Magenta (95%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3755 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 3755 by changing the saturation by 10% instead.



 3755	 3755
 16777215	 144
 6308324	 117
 8346367	 347
 10384639	 1859
 12423167	 811
 14396159	 278
 16434943	 0
 16769791	

 3755

■ 1121963

■ 2239915

■ 3358123

■ 4476331

■ 5594283

■ 6778027

■ 7896235

■ 9014443

■ 10132395

# Harmonies

## Analogous

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



16071



3755



8847472

# Triad

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



3755



7014400



18238

# Complementary

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



3755



11246848

# 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



3755



3421440

# Square

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



3755



9437184



16640



18821

# Rectangle

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



3755



10223682



16640



17957



# Sweetspot

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



3755



10199518



43933



4737904



15790320



7368816



# Same Dimension

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



3755



4830



4653227



5132119



3222



535



# Inverse Universe

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



11206670



14549010



6597376



5721679



9830412

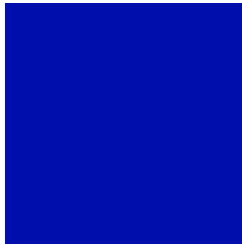


1507330



# Previews

## White Background



This preview shows how the Decimal color 3755 looks on a white background.

## Color Contrast Check

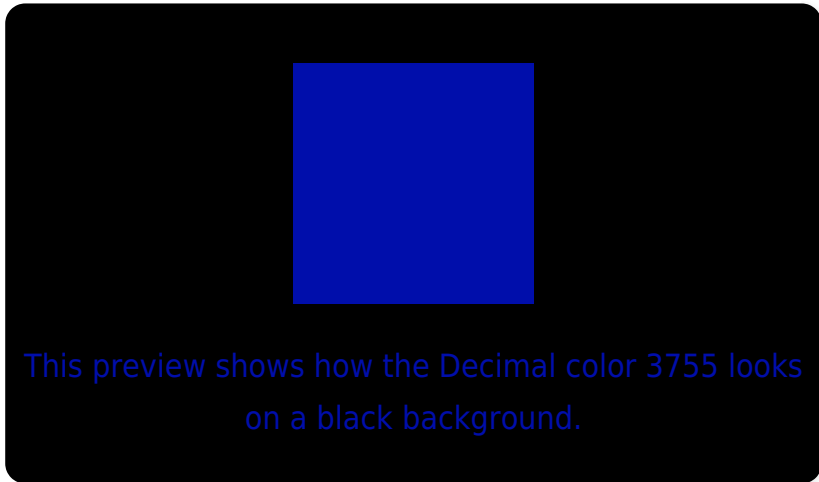
Large Text (above 18pt) WCAG AA ✓ Pass

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

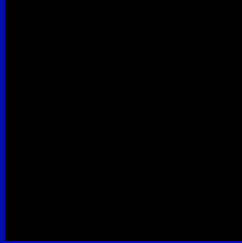
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3755 Background



This preview shows how black text looks on a background with the Decimal color 3755.

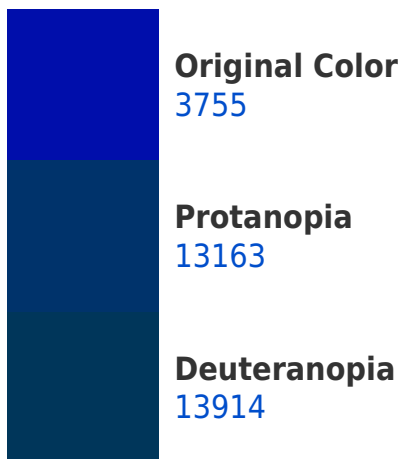


This preview shows how white text looks on a background with the Decimal color 3755.

# Color Blindness Simulation

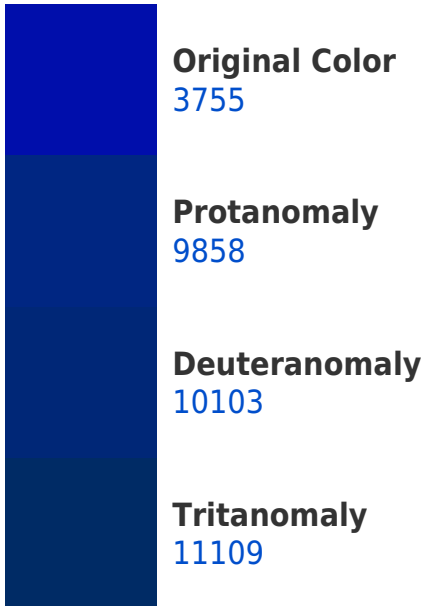
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

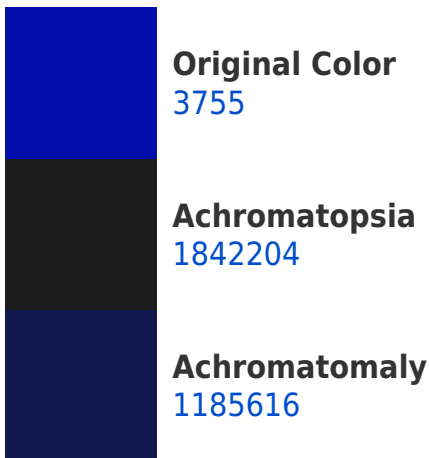




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3755 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 #000EAB looks like.

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

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 #000EAB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 3755 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
#000EAB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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