

# Converting Colors

Decimal(196779)

Have a look what the booklet for  
Decimal(196779) contains.

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# Color

**Decimal(196779)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0300AB
RGB	3, 0, 171
RGB Percent	1%, 0%, 67%
CMY	0.9882, 1.0000, 0.3294
CMYK	0.98, 1.00, 0.00, 0.33
HSL	241°, 100%, 34%
HSV	241°, 100%, 67%
XYZ	7.3882, 2.9596, 38.7099
YIQ	20.3910, -53.1030, 53.8170

# Conversions

## Conversions Part 2

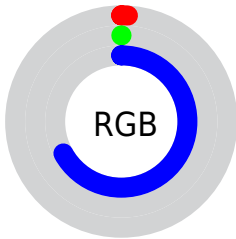
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	3, 0, 171
Decimal	196779
CIE Lab	19.88, 58.73, -79.82
CIE LCh	20, 99.095, 306.344
Yxy	2.9596, 0.1506, 0.0603
Android (android.graphics.Color)	4278386859 (0xFF0300AB)
YUV	20.3910, 74.2502, -15.2519
Hunter-Lab	17.2036, 46.5522, -121.3664

# Details

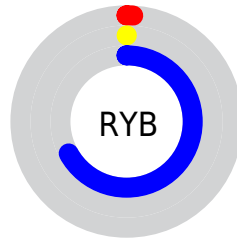
The Decimal color **196779** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **11053824**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **6372068**, and **117** is the 20% darker color. If you saturate the color by 10%, you get **196779**, and if you desaturate by 10%, it is **1315243**.

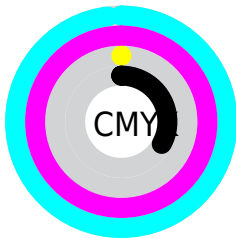
# Distribution



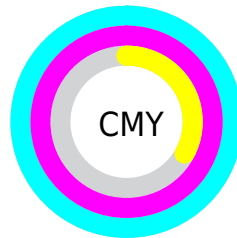
- Red (1%)
- Green (0%)
- Blue (67%)



- Red (1%)
- Yellow (0%)
- Blue (67%)



- Cyan (98%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (99%)
- Magenta (100%)
- Yellow (33%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 196779 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 196779 by changing the saturation by 10% instead.




 196779  196779

 16775679  144

 6372068  117

 8475903  603

 10514175  1859

 12486911  811

 14525439  278

 16564223  0

 16768255

 196779

■ 1315243

■ 2433707

■ 3486635

■ 4605099

■ 5723563

■ 6842283

■ 7960747

■ 9013675

■ 10132139

# Harmonies

## Analogous

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



15562



196779



8913004

# Triad

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



196779



6751488



17471

# Complementary

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



196779



11053824

# 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.



17152



196779



3027712

# Square

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



196779



9306112



16128



18568

# Rectangle

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



196779



10223677



16128



17189



# Sweetspot

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



196779



10263518



43179



4802672



15790320



7368816



# Same Dimension

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



196779



262366



5767339



5131863



196758



23



# Inverse Universe

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



11206824



14549210



5483264



5721687



9830548

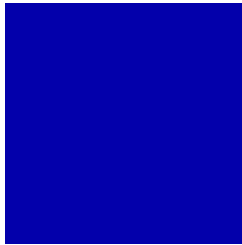


1507351



# Previews

## White Background



This preview shows how the Decimal color 196779 looks on a white background.

### Color Contrast Check

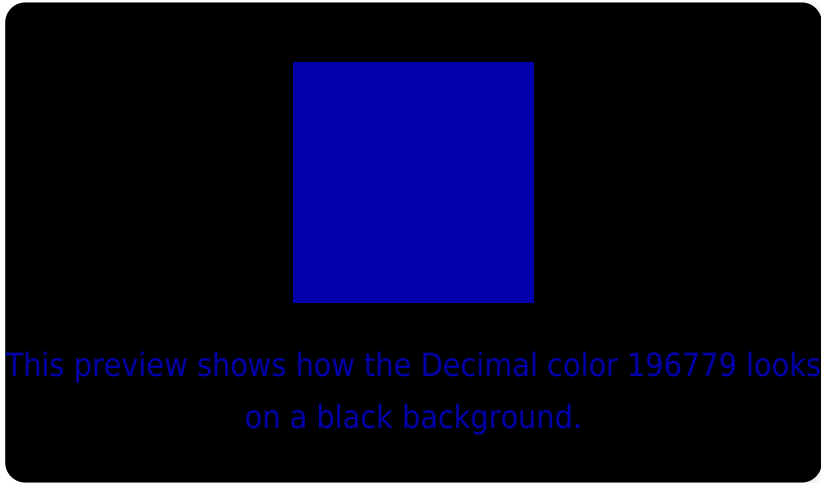
Large Text (above 18pt) WCAG AA ✓ Pass

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

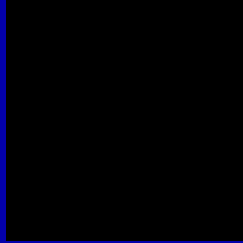
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 196779 Background



This preview shows how black text looks on a background with the Decimal color 196779.

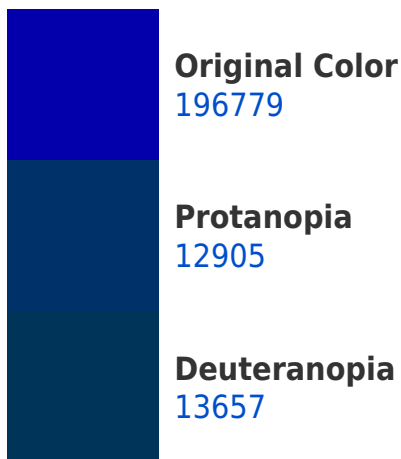



This preview shows how white text looks on a background with the Decimal color 196779.

# 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**  
14652

# Trichromacy



**Original Color**  
196779

**Protanomaly**  
73857

**Deuteranomaly**  
74359

**Tritanomaly**  
74852

# Monochromacy



**Original Color**  
196779

**Achromatopsia**  
1315860

**Achromatomaly**  
920907

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 196779 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 #0300AB looks like.

```
.text, #text, p{  
    color:#0300AB  
}
```

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 #0300AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0300AB
}
```

## Border

The CSS property to change the border of an element to Decimal 196779 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
#0300AB }
```

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

```
.border{ border-color:#0300AB }
```

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

Here you see how a box with a 4 pixel #0300AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0300AB; -webkit-box-shadow:4px 4px  
4px 4px #0300AB; box-shadow:4px 4px 4px  
4px #0300AB }
```

# Background

The CSS property to change the background color of an element to Decimal 196779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0300AB }
```

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

```
.background{ background-color:#0300AB }
```

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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