

# Converting Colors

Decimal(590000)

Have a look what the booklet for  
Decimal(590000) contains.

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# Color

**Decimal(590000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0900B0
RGB	9, 0, 176
RGB Percent	4%, 0%, 69%
CMY	0.9647, 1.0000, 0.3098
CMYK	0.95, 1.00, 0.00, 0.31
HSL	243°, 100%, 35%
HSV	243°, 100%, 69%
XYZ	7.9491, 3.1927, 41.2716
YIQ	22.7550, -51.1320, 56.6440

# Conversions

## Conversions Part 2

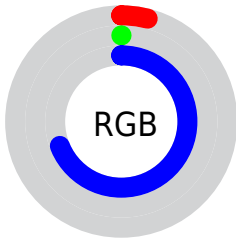
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 0, 176
Decimal	590000
CIELab	20.80, 60.04, -81.29
CIELCh	21, 101.061, 306.447
Yxy	3.1927, 0.1517, 0.0609
Android (android.graphics.Color)	4278780080 (0xFF0900B0)
YUV	22.7550, 75.5498, -12.0631
Hunter-Lab	17.8680, 48.1420, -124.4404

# Details

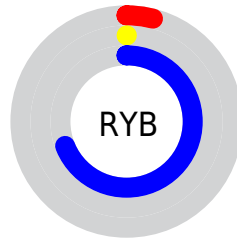
The Decimal color **590000** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **10989568**, and the grayscale version is **1447446**.

A 20% lighter version of the original color is **6568937**, and **122** is the 20% darker color. If you saturate the color by 10%, you get **590000**, and if you desaturate by 10%, it is **1708720**.

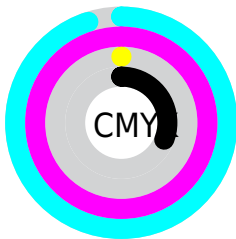
# Distribution



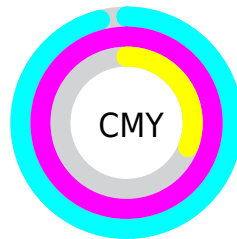
- Red (4%)
- Green (0%)
- Blue (69%)



- Red (4%)
- Yellow (0%)
- Blue (69%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (96%)
- Magenta (100%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 590000 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 590000 by changing the saturation by 10% instead.





 590000  590000

 16775935  148

 6568937  122

 8672767  96

 10711039  2119

 12749567  1071

 14722559  282

 16761343  0

 16768511

 590000

■ 1708720

■ 2761648

■ 3880368

■ 4998832

■ 6052016

■ 7170736

■ 8289200

■ 9407920

■ 10460848

# Harmonies

## Analogous

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



16080



590000



9240688

# Triad

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



590000



6948352



18242

# Complementary

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



590000



10989568

# 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



590000



3159552

# Square

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



590000



9633792



16640



19085

# Rectangle

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



590000



10551359



16640



17959



# Sweetspot

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



590000



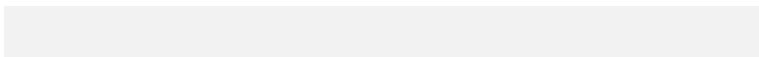
10789350



42928



4999539



15921906



7566195



# Same Dimension

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



590000



786662



6357168



5328985



524441



65562



# Inverse Universe

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



11534503



15073498



5222400



5853273



10027153

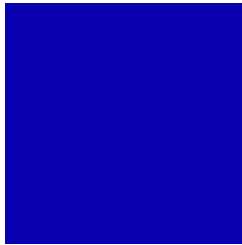


1703960



# Previews

## White Background



This preview shows how the Decimal color 590000 looks on a white background.

## Color Contrast Check

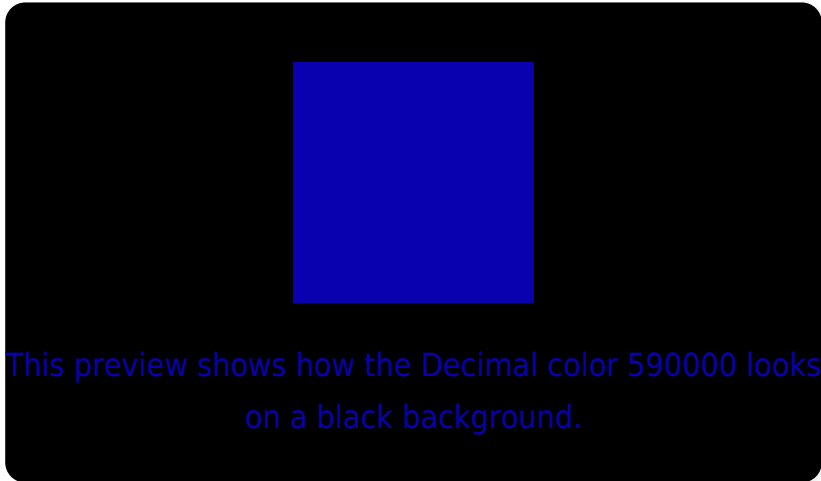
Large Text (above 18pt) WCAG AA ✓ Pass

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

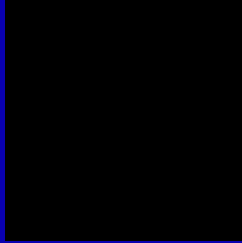
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 590000 Background



This preview shows how black text looks on a background with the Decimal color 590000.



This preview shows how white text looks on a background with the Decimal color 590000.

# 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



**Original Color**  
590000

**Protanopia**  
13164

**Deuteranopia**  
14171



**Tritanopia**  
15166

# Trichromacy



**Original Color**  
590000

**Protanomaly**  
204933

**Deuteranomaly**  
205690

**Tritanomaly**  
206439

# Monochromacy



**Original Color**  
590000

**Achromatopsia**  
1513239

**Achromatomaly**  
1183567

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 590000 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 #0900B0 looks like.

```
.text, #text, p{  
  color:#0900B0  
}
```

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 #0900B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0900B0
}
```

## Border

The CSS property to change the border of an element to Decimal 590000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

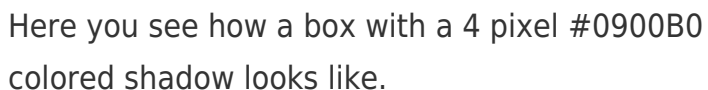
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0900B0 }
```

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

```
.border{ border-color:#0900B0 }
```

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



Here you see how a box with a 4 pixel #0900B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0900B0; -webkit-box-shadow:4px 4px  
4px 4px #0900B0; box-shadow:4px 4px 4px  
4px #0900B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 590000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0900B0 }
```

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

```
.background{ background-color:#0900B0 }
```

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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