

# Converting Colors

Decimal(589899)

Have a look what the booklet for  
Decimal(589899) contains.

<b>Decimal(589899)</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(589899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09004B
RGB	9, 0, 75
RGB Percent	4%, 0%, 29%
CMY	0.9647, 1.0000, 0.7059
CMYK	0.88, 1.00, 0.00, 0.71
HSL	247°, 100%, 15%
HSV	247°, 100%, 29%
XYZ	1.3827, 0.5661, 6.6930
YIQ	11.2410, -18.7110, 25.2330

# Conversions

## Conversions Part 2

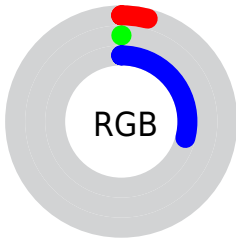
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 0, 75
Decimal	589899
CIELab	5.11, 31.05, -42.53
CIELCh	5, 52.658, 306.134
Yxy	0.5661, 0.1600, 0.0655
Android (android.graphics.Color)	4278779979 (0xFF09004B)
YUV	11.2410, 31.4332, -1.9654
Hunter-Lab	7.5238, 19.6364, -47.4763

# Details

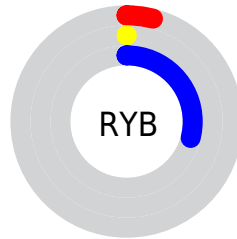
The Decimal color **589899** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4344576**, and the grayscale version is **723723**.

A 20% lighter version of the original color is **4336765**, and **542** is the 20% darker color. If you saturate the color by 10%, you get **589899**, and if you desaturate by 10%, it is **1050443**.

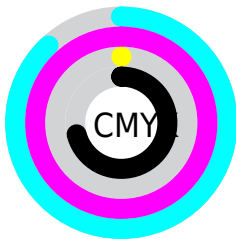
# Distribution



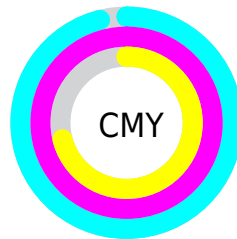
- Red (4%)
- Green (0%)
- Blue (29%)



- Red (4%)
- Yellow (0%)
- Blue (29%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (71%)



- Cyan (96%)
- Magenta (100%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 589899 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 589899 by changing the saturation by 10% instead.



 589899  589899

 16769279  52

 4336765  542

 6112151  0

 7822258

 9598158

 11439850

 13281535

 15189247

 589899

■ 1050443

■ 1445707

■ 1906507

■ 2301515

■ 2762315

■ 3222859

■ 3618123

■ 4078667

■ 4473931

# Harmonies

## Analogous

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



5721



589899



3932206

# Triad

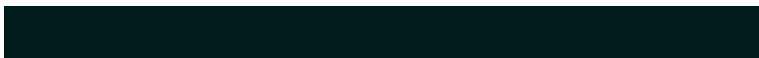
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



589899



2949376



6937

# Complementary

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



589899



4344576

# 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.



6656



589899



922368

# Square

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



589899



4128768



6656



7482

# Rectangle

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



589899



4522008



6656



6921



# Sweetspot

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



589899



4670561



16971



2170672



11579568



3158064



# Same Dimension

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



589899



786529



3014731



2302502



786534



1835238



# Inverse Universe

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



4915266



6357077



1919744



2499110



6684762

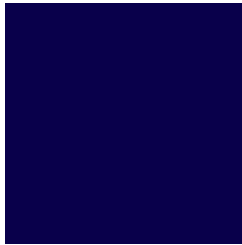


15073482



# Previews

## White Background



This preview shows how the Decimal color 589899 looks on a white background.

## Color Contrast Check

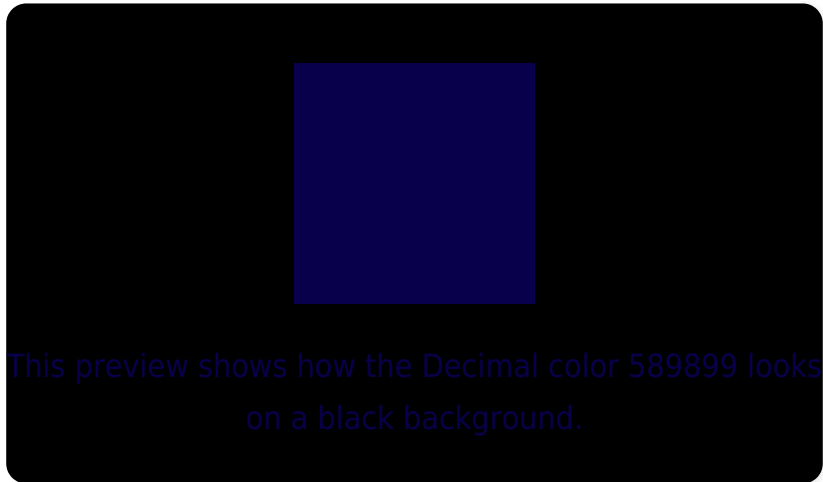
Large Text (above 18pt) WCAG AA ✓ Pass

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

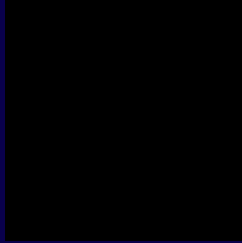
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 589899 Background



This preview shows how black text looks on a background with the Decimal color 589899.



This preview shows how white text looks on a background with the Decimal color 589899.

# 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**  
589899

**Protanopia**  
5679

**Deuteranopia**  
6183



# Trichromacy



**Original Color**  
589899

**Protanomaly**  
200249

**Deuteranomaly**  
200500

**Tritanomaly**  
201004

# Monochromacy



**Original Color**  
589899

**Achromatopsia**  
723723

**Achromatomaly**  
657186

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 589899 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 #09004B looks like.

```
.text, #text, p{  
    color:#09004B  
}
```

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 #09004B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09004B
}
```

## Border

The CSS property to change the border of an element to Decimal 589899 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
#09004B }
```

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

```
.border{ border-color:#09004B }
```

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

Here you see how a box with a 4 pixel #09004B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09004B; -webkit-box-shadow:4px 4px  
4px 4px #09004B; box-shadow:4px 4px 4px  
4px #09004B }
```

# Background

The CSS property to change the background color of an element to Decimal 589899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09004B }
```

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

```
.background{ background-color:#09004B }
```

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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