

Converting Colors

Decimal(589873)

Have a look what the booklet for
Decimal(589873) contains.

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Color

Decimal(589873)

Conversions

Conversions Part 1

Format	Color
Hex	090031
RGB	9, 0, 49
RGB Percent	4%, 0%, 19%
CMY	0.9647, 1.0000, 0.8078
CMYK	0.82, 1.00, 0.00, 0.81
HSL	251°, 100%, 10%
HSV	251°, 100%, 19%
XYZ	0.6670, 0.2798, 2.9246
YIQ	8.2770, -10.3650, 17.1470

Conversions

Conversions Part 2

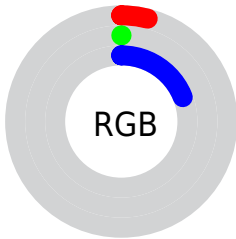
Format	Color
R_{YB}	9, 0, 49
Decimal	589873
CIE _{Lab}	2.53, 16.43, -27.95
CIE _{LCh}	3, 32.423, 300.446
Yxy	0.2798, 0.1723, 0.0723
Android (android.graphics.Color)	4278779953 (0xFF090031)
YUV	8.2770, 20.0764, 0.6341
Hunter-Lab	5.2899, 13.2509, -29.0764

Details

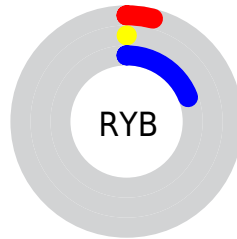
The Decimal color **589873** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2633984**, and the grayscale version is **526344**.

A 20% lighter version of the original color is **3551072**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **589873**, and if you desaturate by 10%, it is **853297**.

Distribution



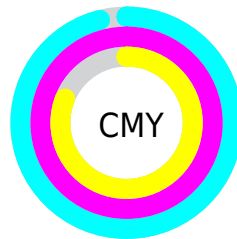
- Red (4%)
- Green (0%)
- Blue (19%)



- Red (4%)
- Yellow (0%)
- Blue (19%)



- Cyan (82%)
- Magenta (100%)
- Yellow (0%)
- Black (81%)



- Cyan (96%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 589873 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 589873 by changing the saturation by 10% instead.

■ 589873

■ 589873

■ 15720959

■ 283

■ 3551072

■ 0

■ 5129849

■ 6774163

■ 8484525

■ 10195145

■ 12036837

■ 13813247

■ 589873

■ 853297

■ 1116721

■ 1380145

■ 1643569

■ 1906993

■ 2170161

■ 2433585

■ 2697009

■ 2960433

Harmonies

Analogous

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



3383



589873



2490402

Triad

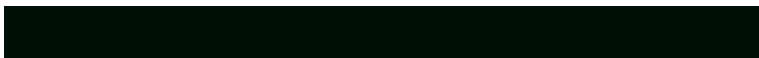
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



589873



2293760



4105

Complementary

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



589873



2633984

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.



4096



589873



854272

Square

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



589873



2949120



4096



4642

Rectangle

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



589873



2949140



4096

Sweetspot

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



589873



3157312



10289



1512737



10592673



2171169

Same Dimension

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



589873



786496



2162737



1513242



1048665



2621657

Inverse Universe

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



3211304



4194356



1061120



1709849



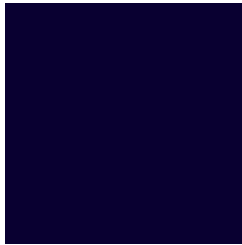
5832777



14221489

Previews

White Background



This preview shows how the Decimal color 589873 looks on a white background.

Color Contrast Check

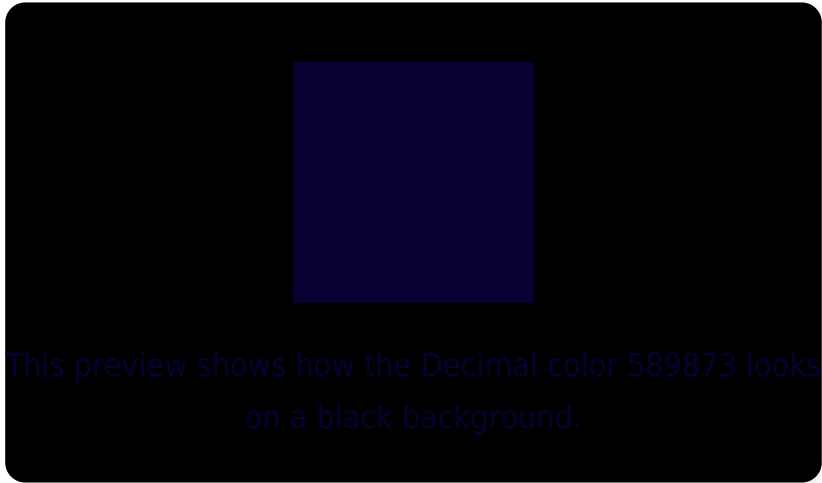
Large Text (above 18pt) WCAG AA ✓ Pass

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

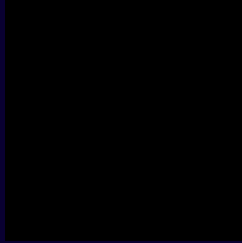
Any Text WCAG AA × Fail

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 589873 Background



This preview shows how black text looks on a background with the Decimal color 589873.



This preview shows how white text looks on a background with the Decimal color 589873.

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
589873

Protanopia
3871

Tritanopia
4370

Trichromacy



Original Color
589873

Protanomaly
199206

Tritanomaly
199453

Monochromacy



Original Color
589873

Achromatopsia
526344

Achromatomaly
525591

CSS Examples

Text

The CSS property to change the color of the text to Decimal 589873 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 #090031 looks like.

```
.text, #text, p{  
    color:#090031  
}
```

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 #090031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090031
}
```

Border

The CSS property to change the border of an element to Decimal 589873 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
#090031 }
```

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

```
.border{ border-color:#090031 }
```

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

Here you see how a box with a 4 pixel #090031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090031; -webkit-box-shadow:4px 4px  
4px 4px #090031; box-shadow:4px 4px 4px  
4px #090031 }
```

Background

The CSS property to change the background color of an element to Decimal 589873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090031 }
```

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

```
.background{ background-color:#090031 }
```

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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