

Converting Colors

Decimal(589968)

Have a look what the booklet for
Decimal(589968) contains.

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Color

Decimal(589968)

Conversions

Conversions Part 1

Format	Color
Hex	090090
RGB	9, 0, 144
RGB Percent	4%, 0%, 56%
CMY	0.9647, 1.0000, 0.4353
CMYK	0.94, 1.00, 0.00, 0.44
HSL	244°, 100%, 28%
HSV	244°, 100%, 56%
XYZ	5.1467, 2.0717, 26.5142
YIQ	19.1070, -40.8600, 46.6920

Conversions

Conversions Part 2

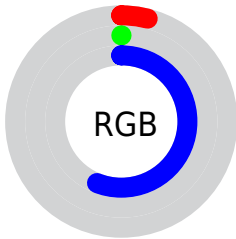
Format	Color
RYB	9, 0, 144
Decimal	589968
CIELab	15.86, 51.84, -69.96
CIELCh	16, 87.075, 306.536
Yxy	2.0717, 0.1526, 0.0614
Android (android.graphics.Color)	4278780048 (0xFF090090)
YUV	19.1070, 61.5722, -8.8638
Hunter-Lab	14.3934, 38.6386, -99.1433

Details

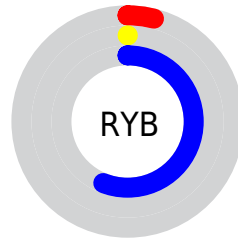
The Decimal color **589968** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **8884224**, and the grayscale version is **1250067**.

A 20% lighter version of the original color is **5912263**, and **92** is the 20% darker color. If you saturate the color by 10%, you get **589968**, and if you desaturate by 10%, it is **1445520**.

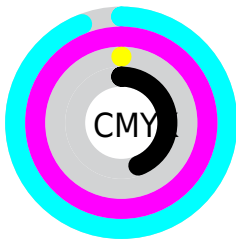
Distribution



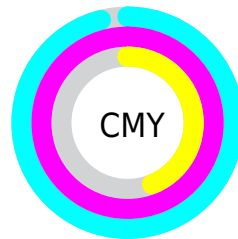
- Red (4%)
- Green (0%)
- Blue (56%)



- Red (4%)
- Yellow (0%)
- Blue (56%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (100%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 589968 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 589968 by changing the saturation by 10% instead.

 589968  589968

 16773631  117

 5912263  92

 7884772  1859

 9857279  812

 11830015  278

 13803007  0

 15775999

 16766463

 589968

■ 1445520

■ 2366864

■ 3287952

■ 4143760

■ 5064848

■ 5920400

■ 6841744

■ 7697296

■ 8618640

Harmonies

Analogous

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



12970



589968



7536731

Triad

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



589968



5637376



14645

Complementary

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



589968



8884224

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.



14080



589968



2501120

Square

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



589968



7864320



13312



15475

Rectangle

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



589968



8650802



13312



14367

Sweetspot

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



589968



8815290



35216



4144222



14606046



6184542

Same Dimension

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



589968



786618



5177488



4276295



524423



8

Inverse Universe

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



9437319



12189871



4296704



4669511



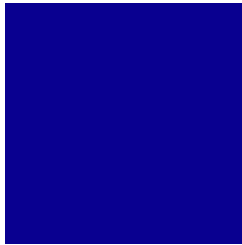
8847487



524295

Previews

White Background



This preview shows how the Decimal color 589968 looks on a white background.

Color Contrast Check

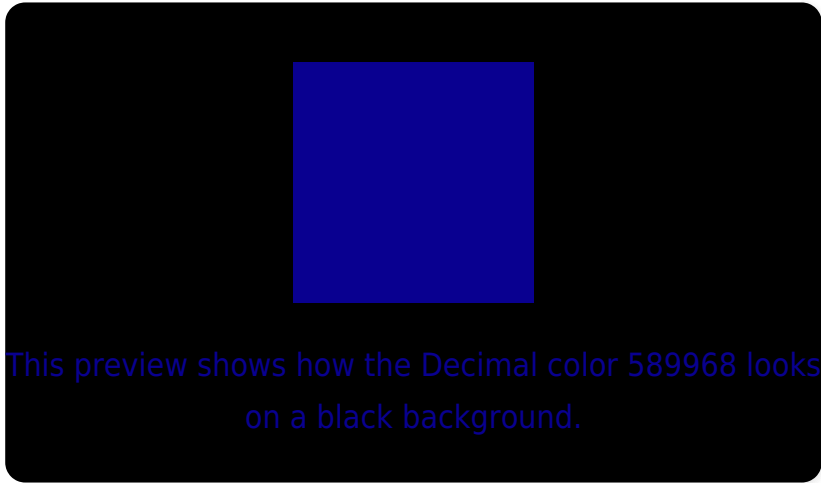
Large Text (above 18pt) WCAG AA ✓ Pass

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

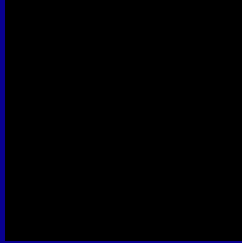
Any Text WCAG AA × Fail

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 589968 Background



This preview shows how black text looks on a background with the Decimal color 589968.



This preview shows how white text looks on a background with the Decimal color 589968.

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
589968

Protanopia
10840

Deuteranopia
11595

Trichromacy



Original Color
589968

Protanomaly
203628

Deuteranomaly
204132

Tritanomaly
204629

Monochromacy



Original Color
589968

Achromatopsia
1250067

Achromatomaly
986176

CSS Examples

Text

The CSS property to change the color of the text to Decimal 589968 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 #090090 looks like.

```
.text, #text, p{  
    color:#090090  
}
```

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 #090090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090090
}
```

Border

The CSS property to change the border of an element to Decimal 589968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

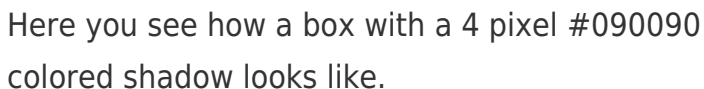
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#090090 }
```

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

```
.border{ border-color:#090090 }
```

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



Here you see how a box with a 4 pixel #090090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090090; -webkit-box-shadow:4px 4px  
4px 4px #090090; box-shadow:4px 4px 4px  
4px #090090 }
```

Background

The CSS property to change the background color of an element to Decimal 589968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090090 }
```

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

```
.background{ background-color:#090090 }
```

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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