

Converting Colors

Decimal(589952)

Have a look what the booklet for
Decimal(589952) contains.

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Color

Decimal(589952)

Conversions

Conversions Part 1

Format	Color
Hex	090080
RGB	9, 0, 128
RGB Percent	4%, 0%, 50%
CMY	0.9647, 1.0000, 0.4980
CMYK	0.93, 1.00, 0.00, 0.50
HSL	244°, 100%, 25%
HSV	244°, 100%, 50%
XYZ	4.0089, 1.6166, 20.5228
YIQ	17.2830, -35.7240, 41.7160

Conversions

Conversions Part 2

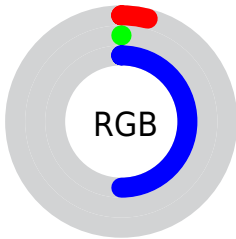
Format	Color
R_{YB}	9, 0, 128
Decimal	589952
CIE Lab	13.33, 47.62, -64.10
CIE LCh	13, 79.854, 306.609
Yxy	1.6166, 0.1533, 0.0618
Android (android.graphics.Color)	4278780032 (0xFF090080)
YUV	17.2830, 54.5835, -7.2642
Hunter-Lab	12.7145, 34.0314, -86.8013

Details

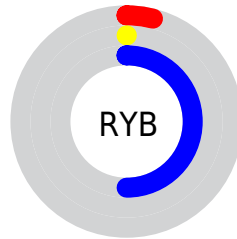
The Decimal color **589952** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7831552**, and the grayscale version is **1118481**.

A 20% lighter version of the original color is **5583798**, and **77** is the 20% darker color. If you saturate the color by 10%, you get **589952**, and if you desaturate by 10%, it is **1379712**.

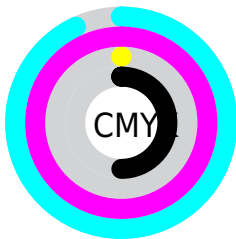
Distribution



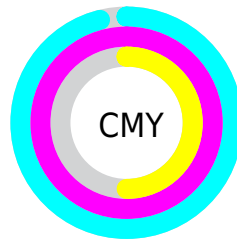
- Red (4%)
- Green (0%)
- Blue (50%)



- Red (4%)
- Yellow (0%)
- Blue (50%)



- Cyan (93%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (96%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 589952 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 589952 by changing the saturation by 10% instead.

 589952  589952


 16772607  102

 5583798  77

 7490770  1333

 9397743  543

 11304703  2

 13277695  0

 15250687

 16765183

 589952

■ 1379712

■ 2169472

■ 2958976

■ 3748736

■ 4538496

■ 5262720

■ 6052480

■ 6841984

■ 7631744

Harmonies

Analogous

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



11160



589952



6684752

Triad

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



589952



4981760



12846

Complementary

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



589952



7831552

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.



12544



589952



2172160

Square

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



589952



6946816



12032



13670

Rectangle

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



589952



7733292



12032



12570

Sweetspot

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



589952



7894182



30592



3683924



13948116



5526612

Same Dimension

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



589952



786598



4784256



3815744



0

Inverse Universe

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



8388727



10879130



3637248



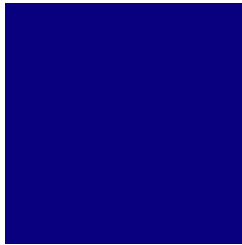
4208959



0

Previews

White Background



This preview shows how the Decimal color 589952 looks on a white background.

Color Contrast Check

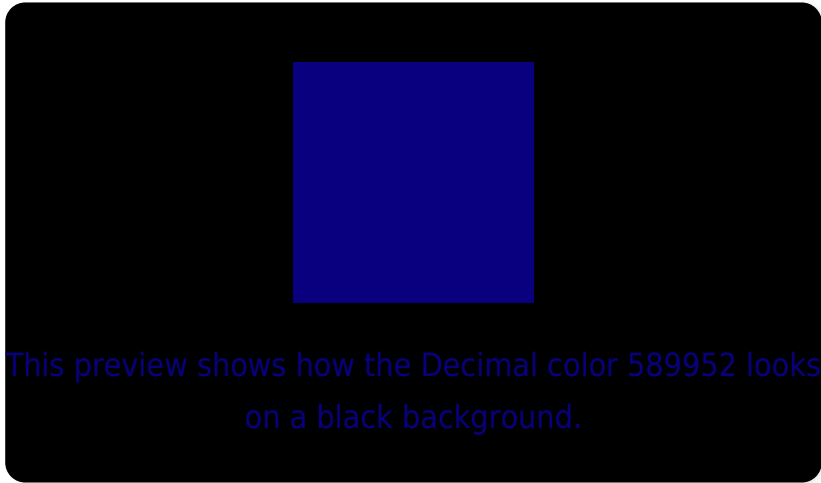
Large Text (above 18pt) WCAG AA ✓ Pass

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

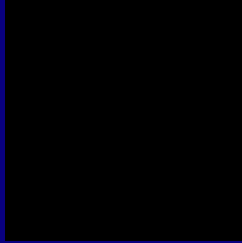
Any Text WCAG AA × Fail

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 589952 Background



This preview shows how black text looks on a background with the Decimal color 589952.



This preview shows how white text looks on a background with the Decimal color 589952.

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
589952

Protanopia
9807

Deuteranopia
10307

Trichromacy



Original Color
589952

Protanomaly
202849

Deuteranomaly
203097

Tritanomaly
203595

Monochromacy



Original Color
589952

Achromatopsia
1118481

Achromatomaly
920377

CSS Examples

Text

The CSS property to change the color of the text to Decimal 589952 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 #090080 looks like.

```
.text, #text, p{  
    color:#090080  
}
```

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 #090080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090080
}
```

Border

The CSS property to change the border of an element to Decimal 589952 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".

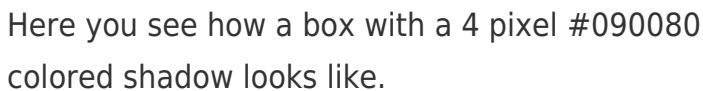
```
.border, #border, table{ border:4px solid
#090080 }
```

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

```
.border{ border-color:#090080 }
```

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

Here you see how a box with a 4 pixel #090080 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090080; -webkit-box-shadow:4px 4px  
4px 4px #090080; box-shadow:4px 4px 4px  
4px #090080 }
```

Background

The CSS property to change the background color of an element to Decimal 589952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090080 }
```

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

```
.background{ background-color:#090080 }
```

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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