

# Converting Colors

Decimal(986969)

Have a look what the booklet for  
Decimal(986969) contains.

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# Color

**Decimal(986969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F0F59
RGB	15, 15, 89
RGB Percent	6%, 6%, 35%
CMY	0.9412, 0.9412, 0.6510
CMYK	0.83, 0.83, 0.00, 0.65
HSL	240°, 71%, 20%
HSV	240°, 83%, 35%
XYZ	2.1710, 1.1645, 9.5615
YIQ	23.4360, -23.7540, 23.0140

# Conversions

## Conversions Part 2

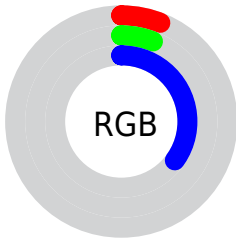
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 15, 89
Decimal	986969
CIELab	10.29, 28.54, -43.56
CIELCh	10, 52.078, 303.225
Yxy	1.1645, 0.1683, 0.0903
Android (android.graphics.Color)	4279177049 (0xFF0F0F59)
YUV	23.4360, 32.3231, -7.3984
Hunter-Lab	10.7911, 17.0270, -44.9807

# Details

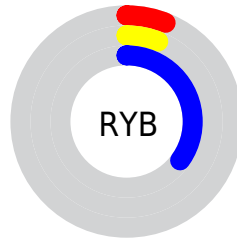
The Decimal color **986969** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5855503**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **4799116**, and **810** is the 20% darker color. If you saturate the color by 10%, you get **394841**, and if you desaturate by 10%, it is **1579097**.

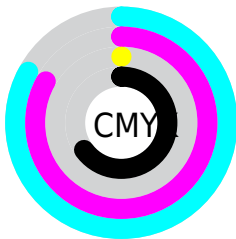
# Distribution



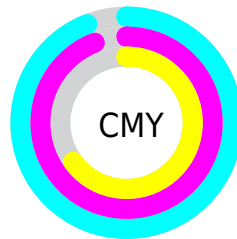
- Red (6%)
- Green (6%)
- Blue (35%)



- Red (6%)
- Yellow (6%)
- Blue (35%)



- Cyan (83%)
- Magenta (83%)
- Yellow (0%)
- Black (65%)



- Cyan (94%)
- Magenta (94%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 986969 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 986969 by changing the saturation by 10% instead.





986969



986969



16773631



65



4799116



810



6574503



276



8350402



0



10126302



11967995



13809919



15717631



986969



986969

■ 394841

■ 1579097

■ 89

■ 2171225

■ 2763353

■ 3355481

■ 3947609

■ 4473945

■ 5066073

■ 5658201

■ 6250329

# Harmonies

## Analogous

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



8549



986969



4587581

# Triad

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



986969



3934720



10527

# Complementary

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



986969



5855503

# 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.



10496



986969



2169856

# Square

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



986969



5177344



9472



11075

# Rectangle

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



986969



5373990



9472



10514



# Sweetspot

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



986969



5658227



1005913



2697531



12237498



3881787



# Same Dimension

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



986969



115



3411801



2565931



107



235



# Inverse Universe

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



5836633



7536755



3430671



2828075



7012459

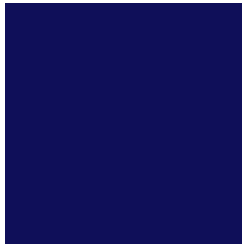


15401195



# Previews

## White Background



This preview shows how the Decimal color 986969 looks on a white background.

### Color Contrast Check

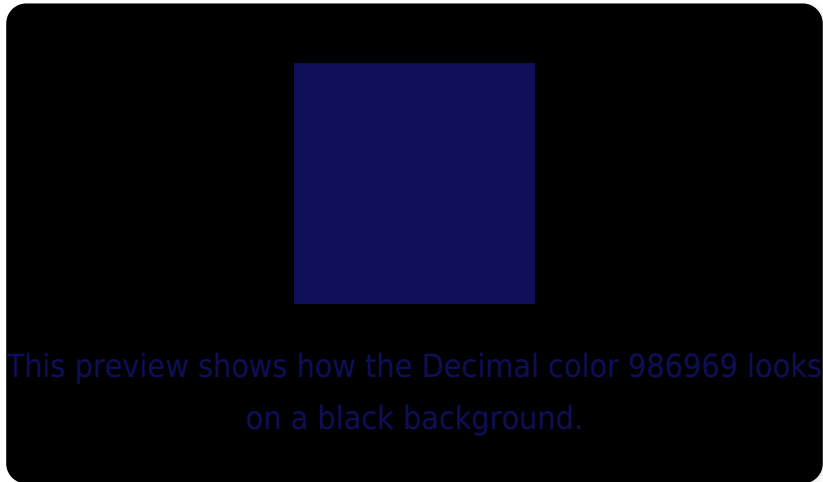
Large Text (above 18pt) WCAG AA ✓ Pass

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

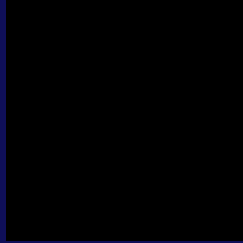
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 986969 Background



This preview shows how black text looks on a background with the Decimal color 986969.



This preview shows how white text looks on a background with the Decimal color 986969.

# 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**

986969

**Protanopia**

7485

**Deuteranopia**

7987



# Trichromacy



**Original Color**  
986969

**Protanomaly**  
333895

**Deuteranomaly**  
334145

**Tritanomaly**  
334391

# Monochromacy



**Original Color**  
986969

**Achromatopsia**  
1513239

**Achromatomaly**  
1315887

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 986969 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 #0F0F59 looks like.

```
.text, #text, p{  
    color:#0F0F59  
}
```

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 #0F0F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F0F59
}
```

## Border

The CSS property to change the border of an element to Decimal 986969 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
#0F0F59 }
```

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

```
.border{ border-color:#0F0F59 }
```

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

Here you see how a box with a 4 pixel #0F0F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F0F59; -webkit-box-shadow:4px 4px  
4px 4px #0F0F59; box-shadow:4px 4px 4px  
4px #0F0F59 }
```

# Background

The CSS property to change the background color of an element to Decimal 986969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F0F59 }
```

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

```
.background{ background-color:#0F0F59 }
```

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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