

Converting Colors

Decimal(3976969)

Have a look what the booklet for
Decimal(3976969) contains.

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Color

Decimal(3976969)

Conversions

Conversions Part 1

Format	Color
Hex	3CAF09
RGB	60, 175, 9
RGB Percent	24%, 69%, 4%
CMY	0.7647, 0.3137, 0.9647
CMYK	0.66, 0.00, 0.95, 0.31
HSL	102°, 90%, 36%
HSV	102°, 95%, 69%
XYZ	17.2428, 31.6403, 5.4569
YIQ	121.6910, -15.2540, -76.0060

Conversions

Conversions Part 2

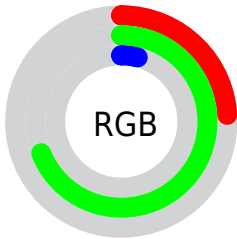
Format	Color
RYB	9, 175, 124
Decimal	3976969
CIELab	63.04, -57.66, 62.55
CIELCh	63, 85.069, 132.673
Yxy	31.6403, 0.3173, 0.5823
Android (android.graphics.Color)	4282167049 (0xFF3CAF09)
YUV	121.6910, -55.5567, -54.1030
Hunter-Lab	56.2497, -43.7198, 33.6230

Details

The Decimal color **3976969** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8128943**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **8120398**, and **30976** is the 20% darker color. If you saturate the color by 10%, you get **3583744**, and if you desaturate by 10%, it is **4763418**.

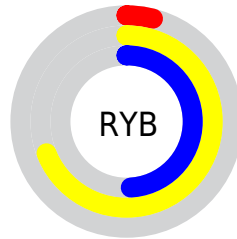
Distribution



Red (24%)

Green (69%)

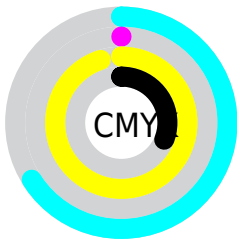
Blue (4%)



Red (4%)

Yellow (69%)

Blue (49%)

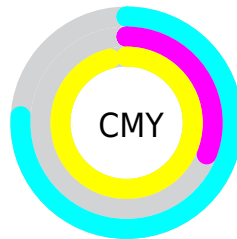


Cyan (66%)

Magenta (0%)

Yellow (95%)

Black (31%)



Cyan (76%)

Magenta (31%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3976969 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 3976969 by changing the saturation by 10% instead.



3976969



3976969

16777215



889856



8120398



30976



10092394



24320



11992966



17920



13959074



12288



15925182



4864



16777179



0



16777209



3976969



3976969

■ 3583744

■ 4763418

■ 5549868

■ 6336318

■ 7122767

■ 7974753

■ 8761202

■ 9547652

■ 10334101

■ 11120551

Harmonies

Analogous

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



10198784



3976969



46952

Triad

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



3976969



44543



16726652

Complementary

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



3976969



8128943

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.



16730312



3976969



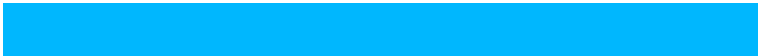
38911

Square

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



3976969



47102



12743679



16735795

Rectangle

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



3976969



47517



12743679



16725909

Sweetspot

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



3976969



12051363



11500041



5796684



15921906



7566195

Same Dimension

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



3976969



4645632



634663



5330766



3053056



464640

Inverse Universe

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



8128943



10289379



11471249



5525079



6815894



1048599

Previews

White Background



This preview shows how the Decimal color 3976969 looks on a white background.

Color Contrast Check

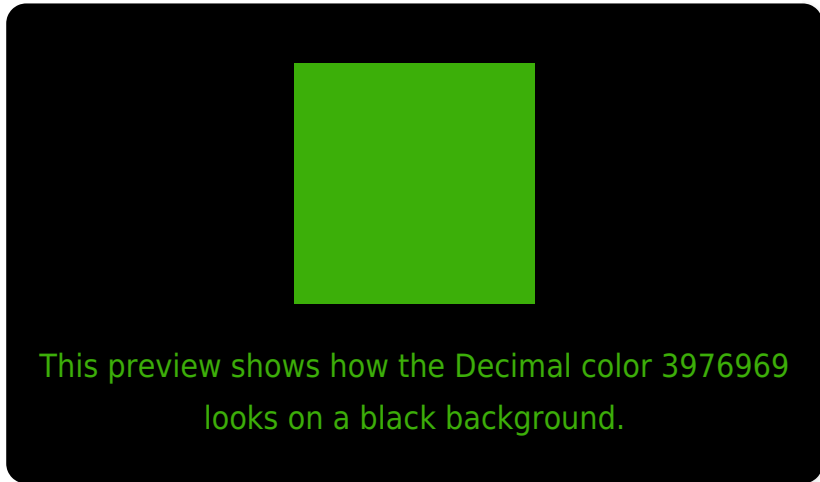
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Decimal 3976969 Background



This preview shows how black text looks on a background with the Decimal color 3976969.

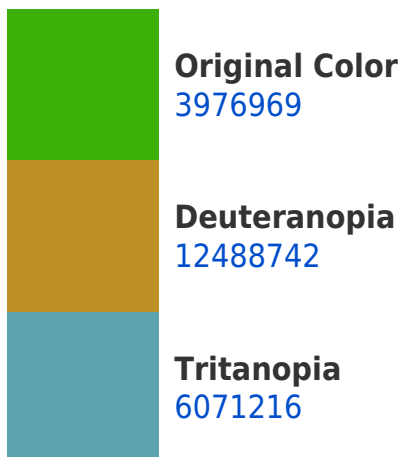


This preview shows how white text looks on a background with the Decimal color 3976969.

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](#).

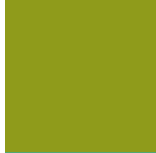
Dichromacy



Trichromacy



Original Color
3976969



Deuteranomaly
9411355



Tritanomaly
5285747

Monochromacy



Original Color
3976969



Achromatopsia
8026746



Achromatomaly
6524241

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3976969 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 #3CAF09 looks like.

```
.text, #text, p{  
    color:#3CAF09  
}
```

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 #3CAF09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CAF09
}
```

Border

The CSS property to change the border of an element to Decimal 3976969 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
#3CAF09 }
```

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

```
.border{ border-color:#3CAF09 }
```

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

Here you see how a box with a 4 pixel #3CAF09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CAF09; -webkit-box-shadow:4px 4px  
4px 4px #3CAF09; box-shadow:4px 4px 4px  
4px #3CAF09 }
```

Background

The CSS property to change the background color of an element to Decimal 3976969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CAF09 }
```

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

```
.background{ background-color:#3CAF09 }
```

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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