

# Converting Colors

Decimal(1026829)

Have a look what the booklet for  
Decimal(1026829) contains.

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# Color

**Decimal(1026829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FAB0D
RGB	15, 171, 13
RGB Percent	6%, 67%, 5%
CMY	0.9412, 0.3294, 0.9490
CMYK	0.91, 0.00, 0.92, 0.33
HSL	119°, 86%, 36%
HSV	119°, 92%, 67%
XYZ	14.8326, 29.2564, 5.2461
YIQ	106.3440, -42.2580, -82.2100

# Conversions

## Conversions Part 2

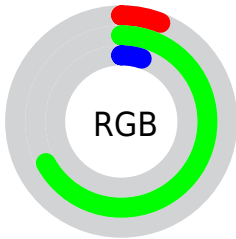
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 171, 169
Decimal	1026829
CIELab	61.01, -62.74, 60.00
CIELCh	61, 86.805, 136.279
Yxy	29.2564, 0.3006, 0.5930
Android (android.graphics.Color)	4279216909 (0xFF0FAB0D)
YUV	106.3440, -46.0186, -80.1087
Hunter-Lab	54.0892, -45.7072, 32.1120

# Details

The Decimal color **1026829** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **11079083**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **6480975**, and **29952** is the 20% darker color. If you saturate the color by 10%, you get **174848**, and if you desaturate by 10%, it is **2140958**.

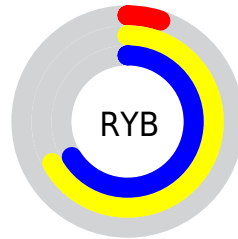
# Distribution



Red (6%)

Green (67%)

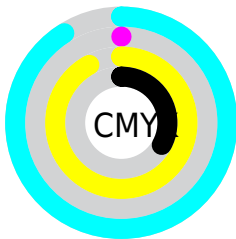
Blue (5%)



Red (5%)

Yellow (67%)

Blue (66%)

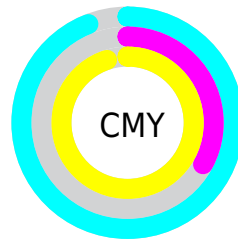


Cyan (91%)

Magenta (0%)

Yellow (92%)

Black (33%)



Cyan (94%)

Magenta (33%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1026829 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 1026829 by changing the saturation by 10% instead.



 1026829

 1026829

16777215

 36864

 6480975

 29952

 8585066

 23296

 10551174

 16896

 12517281

 11008

 14483390

 1792

 16515035

 0

 16777208

 1026829

 1026829

■ 174848

■ 2140958

■ 3255087

■ 4369216

■ 5483345

■ 6531938

■ 7646068

■ 8760197

■ 9874326

■ 10988455

# Harmonies

## Analogous

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



9149696



1026829



45676

# Triad

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



1026829



43007



16723821

# Complementary

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



1026829



11079083

# 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.



16725946



1026829



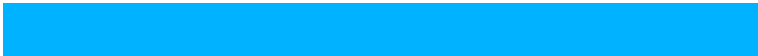
36863

# Square

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



1026829



45823



13133823



16735265

# Rectangle

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



1026829



46242



13133823



16721799



# Sweetspot

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



1026829



10608288



11249677



4943946



15790320



7368816



# Same Dimension

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



1026829



253440



895833



5134158



169472



5888



# Inverse Universe

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



11079083



14352606



11210079



5721687



9765014

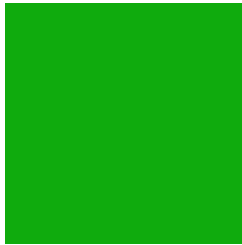


1507351



# Previews

## White Background



This preview shows how the Decimal color 1026829 looks on a white background.

## Color Contrast Check

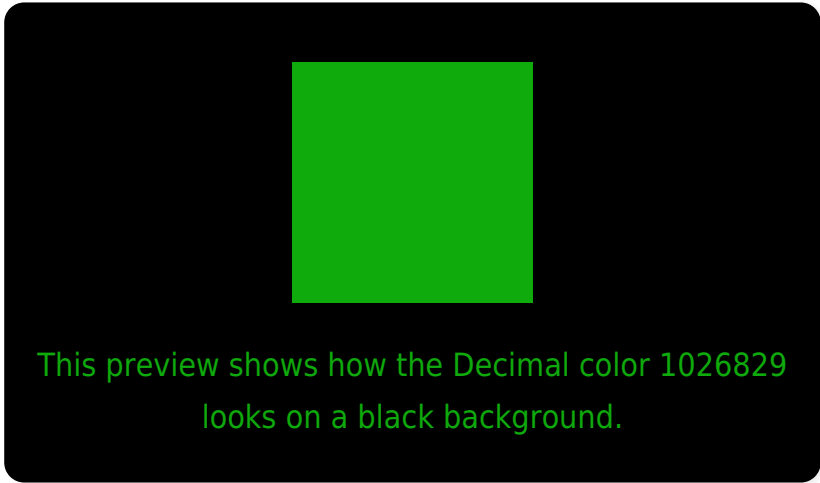
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Decimal 1026829 Background



This preview shows how black text looks on a background with the Decimal color 1026829.



This preview shows how white text looks on a background with the Decimal color 1026829.

# 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**  
1026829

**Protanopia**  
10851072

**Deuteranopia**  
12094247



**Tritanopia**  
4825004

# Trichromacy



**Original Color**

1026829



**Protanomaly**

7248901



**Deuteranomaly**

8099614



**Tritanomaly**

3449714

# Monochromacy



**Original Color**

1026829



**Achromatopsia**

6974058



**Achromatomaly**

4817480

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1026829 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 #0FAB0D looks like.

```
.text, #text, p{  
    color:#0FAB0D  
}
```

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 #0FAB0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FAB0D
}
```

## Border

The CSS property to change the border of an element to Decimal 1026829 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
#0FAB0D }
```

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

```
.border{ border-color:#0FAB0D }
```

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

Here you see how a box with a 4 pixel #0FAB0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FAB0D; -webkit-box-shadow:4px 4px  
4px 4px #0FAB0D; box-shadow:4px 4px 4px  
4px #0FAB0D }
```

# Background

The CSS property to change the background color of an element to Decimal 1026829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FAB0D }
```

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

```
.background{ background-color:#0FAB0D }
```

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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