

# Converting Colors

Decimal(1027840)

Have a look what the booklet for  
Decimal(1027840) contains.

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**Color**

**Decimal(1027840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FAF00
RGB	15, 175, 0
RGB Percent	6%, 69%, 0%
CMY	0.9412, 0.3137, 1.0000
CMYK	0.91, 0.00, 1.00, 0.31
HSL	115°, 100%, 34%
HSV	115°, 100%, 69%
XYZ	15.5270, 30.7615, 5.1192
YIQ	107.2100, -39.1850, -88.3450

# Conversions

## Conversions Part 2

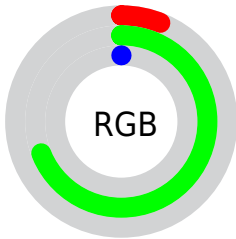
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 175, 160
Decimal	1027840
CIELab	62.31, -64.20, 62.83
CIELCh	62, 89.823, 135.618
Yxy	30.7615, 0.3020, 0.5984
Android (android.graphics.Color)	4279217920 (0xFF0FAF00)
YUV	107.2100, -52.8545, -80.8682
Hunter-Lab	55.4631, -47.0890, 33.3517

# Details

The Decimal color **1027840** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **10485935**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **6613067**, and **30976** is the 20% darker color. If you saturate the color by 10%, you get **1027840**, and if you desaturate by 10%, it is **2076433**.

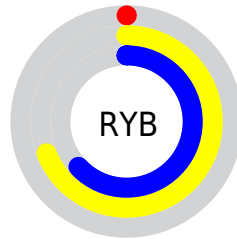
# Distribution



Red (6%)

Green (69%)

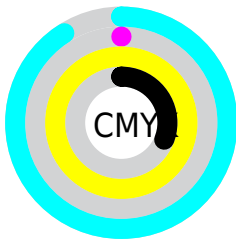
Blue (0%)



Red (0%)

Yellow (69%)

Blue (63%)

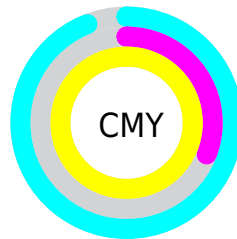


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (94%)

Magenta (31%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1027840 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 1027840 by changing the saturation by 10% instead.



 1027840	 1027840
16777215	 37888
 6613067	 30976
 8650599	 24320
 10682243	 17664
 12648351	 11776
 14679995	 3840
 16646104	 0
 16777205	
 1027840	


 2076433

 3125027

 4173621

 5222214

 6270808

 7319401

 8367994

 9416588

 10465182

# Harmonies

## Analogous

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



9478144



1027840



46700

# Triad

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



1027840



44031



16722545

# Complementary

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



1027840



10485935

# 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.



16725440



1027840



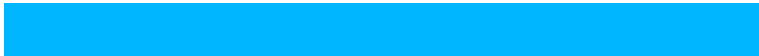
37887

# Square

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



1027840



46847



13331199



16735265

# Rectangle

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



1027840



47268



13331199



16720267



# Sweetspot

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



1027840



10871711



11508992



5075785



15921906



7566195



# Same Dimension

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



1027840



1303296



44870



5199694



890368



136960



# Inverse Universe

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



10485935



13566179



11468905



5656151



9044118

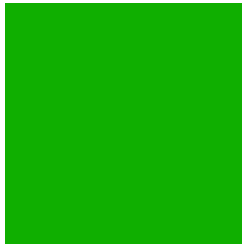


1376279



# Previews

## White Background



This preview shows how the Decimal color 1027840 looks on a white background.

## Color Contrast Check

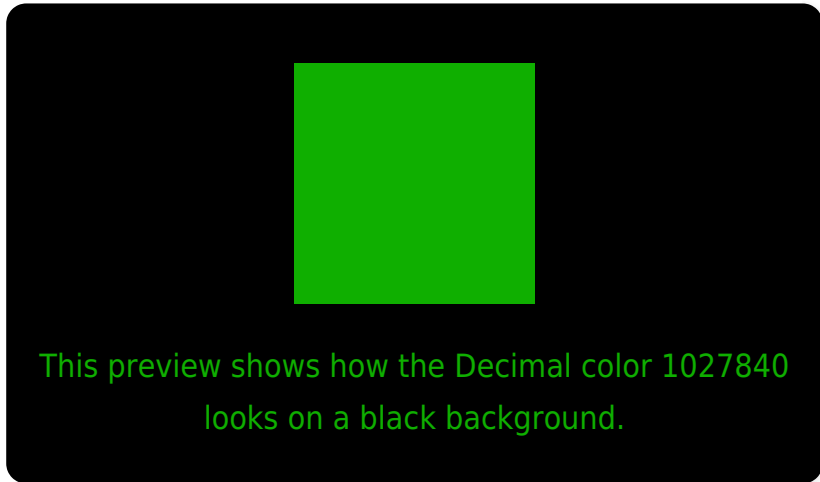
Large Text (above 18pt) WCAG AA × Fail

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 1027840 Background



This preview shows how black text looks on a background with the Decimal color 1027840.



This preview shows how white text looks on a background with the Decimal color 1027840.

# 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**  
1027840

**Protanopia**  
11113984

**Deuteranopia**  
12357158



**Tritanopia**  
4891568

# Trichromacy



**Original Color**

1027840



**Protanomaly**

7446272



**Deuteranomaly**

8231448



**Tritanomaly**

3516272

# Monochromacy



**Original Color**

1027840



**Achromatopsia**

7039851



**Achromatomaly**

4883524

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1027840 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 #0FAF00 looks like.

```
.text, #text, p{  
  color:#0FAF00  
}
```

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 #0FAF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FAF00
}
```

## Border

The CSS property to change the border of an element to Decimal 1027840 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".

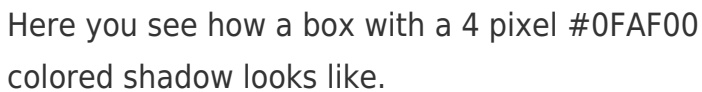
```
.border, #border, table{ border:4px solid
#0FAF00 }
```

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

```
.border{ border-color:#0FAF00 }
```

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

Here you see how a box with a 4 pixel #0FAF00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FAF00; -webkit-box-shadow:4px 4px  
4px 4px #0FAF00; box-shadow:4px 4px 4px  
4px #0FAF00 }
```

# Background

The CSS property to change the background color of an element to Decimal 1027840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FAF00 }
```

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

```
.background{ background-color:#0FAF00 }
```

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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