

# Converting Colors

Decimal(63748)

Have a look what the booklet for  
Decimal(63748) contains.

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# **Color**

**Decimal(63748)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F904
RGB	0, 249, 4
RGB Percent	0%, 98%, 2%
CMY	1.0000, 0.0235, 0.9843
CMYK	1.00, 0.00, 0.98, 0.02
HSL	121°, 100%, 49%
HSV	121°, 100%, 98%
XYZ	33.8976, 67.7601, 11.4073
YIQ	146.6190, -69.7590, -128.9830

# Conversions

## Conversions Part 2

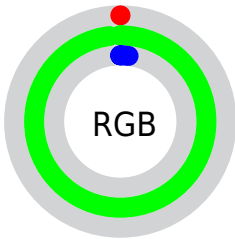
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 245, 249
Decimal	63748
CIELab	85.89, -84.59, 81.38
CIELCh	86, 117.379, 136.106
Yxy	67.7601, 0.2998, 0.5993
Android (android.graphics.Color)	4278253828 (0xFF00F904)
YUV	146.6190, -70.3112, -128.5849
Hunter-Lab	82.3165, -70.5484, 49.4053

# Details

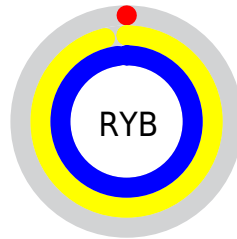
The Decimal color **63748** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **16318709**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **7798620**, and **48896** is the 20% darker color. If you saturate the color by 10%, you get **63748**, and if you desaturate by 10%, it is **1702173**.

# Distribution



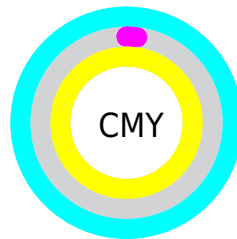
- Red (0%)
- Green (98%)
- Blue (2%)



- Red (0%)
- Yellow (96%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 63748 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 63748 by changing the saturation by 10% instead.



 63748	 63748
 16777215	 56320
 7798620	 48896
 10157946	 41472
 12320664	 34304
 14483382	 27392
 16646100	 20736
 16777202	 14336
	 7424
	 0

 63748

 1702173

 3340597

 4979022

 6617446

 8255871

 9828759

 11467184

 13105608

 14744033

# Harmonies

## Analogous

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



13362176



63748



65437

# Triad

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



63748



62463



16727713

# Complementary

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



63748



16318709

# 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.



16731391



63748



53503

# Square

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



63748



65535



16750591



16745777

# Rectangle

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



63748



65515



16750591



16724165

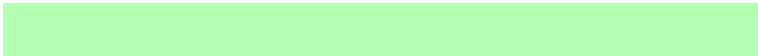


# Sweetspot

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



63748



11796404



16382208



5406802



0



8421504



# Same Dimension

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



63748



65284



63869



7372145



48387



15617



# Inverse Universe

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



16318709



16711931



16318589



8220797



12386490

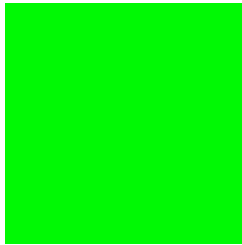


3997756



# Previews

## White Background



This preview shows how the Decimal color 63748 looks on a white background.

## Color Contrast Check

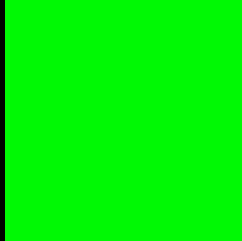
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 63748 looks on a 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

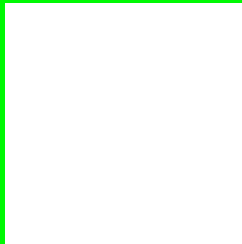
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 63748 Background



This preview shows how black text looks on a background with the Decimal color 63748.

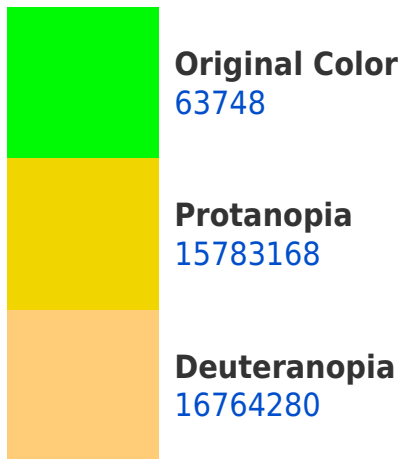


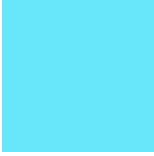
This preview shows how white text looks on a background with the Decimal color 63748.

# 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](#).

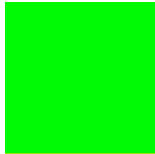
## Dichromacy





**Tritanopia**  
6875130

# Trichromacy



**Original Color**  
63748



**Protanomaly**  
10084865

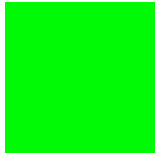


**Deuteranomaly**  
10673486



**Tritanomaly**  
4386465

# Monochromacy



**Original Color**  
63748



**Achromatopsia**  
9671571



**Achromatomaly**  
6207583

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 63748 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 #00F904 looks like.

```
.text, #text, p{  
    color:#00F904  
}
```

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 #00F904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F904
}
```

## Border

The CSS property to change the border of an element to Decimal 63748 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".

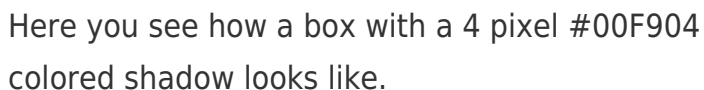
```
.border, #border, table{ border:4px solid
#00F904 }
```

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

```
.border{ border-color:#00F904 }
```

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

Here you see how a box with a 4 pixel #00F904 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a thick green border on the top, bottom, and left sides. The right side of the box is open, showing a green shadow that extends to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F904; -webkit-box-shadow:4px 4px  
4px 4px #00F904; box-shadow:4px 4px 4px  
4px #00F904 }
```

# Background

The CSS property to change the background color of an element to Decimal 63748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F904 }
```

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

```
.background{ background-color:#00F904 }
```

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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