

# Converting Colors

Decimal(63074)

Have a look what the booklet for  
Decimal(63074) contains.

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# **Color**

**Decimal(63074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F662
RGB	0, 246, 98
RGB Percent	0%, 96%, 38%
CMY	1.0000, 0.0353, 0.6157
CMYK	1.00, 0.00, 0.60, 0.04
HSL	144°, 100%, 48%
HSV	144°, 100%, 96%
XYZ	35.1604, 66.7934, 22.5945
YIQ	155.5740, -99.1080, -98.1800

# Conversions

## Conversions Part 2

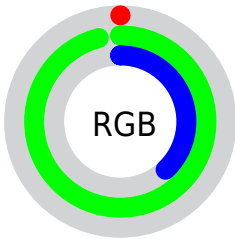
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 176, 246
Decimal	63074
CIELab	85.40, -78.14, 56.42
CIELCh	85, 96.378, 144.169
Yxy	66.7934, 0.2823, 0.5363
Android (android.graphics.Color)	4278253154 (0xFF00F662)
YUV	155.5740, -28.3840, -136.4384
Hunter-Lab	81.7272, -66.2290, 40.8176

# Details

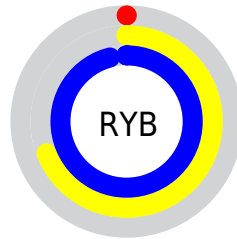
The Decimal color **63074** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **16122004**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **7536537**, and **48170** is the 20% darker color. If you saturate the color by 10%, you get **63074**, and if you desaturate by 10%, it is **1701489**.

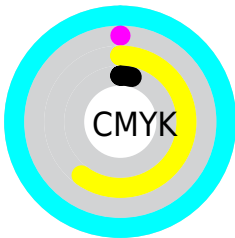
# Distribution



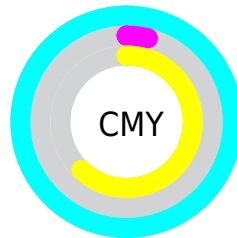
- Red (0%)
- Green (96%)
- Blue (38%)



- Red (0%)
- Yellow (69%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 63074 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 63074 by changing the saturation by 10% instead.





 63074

 1701489

 3274368

 4912782

 6485661

 8124076

 9762491

 11335370

 12973784

 14546663

# Harmonies

## Analogous

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



12117504



63074



64960

# Triad

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



63074



59135



16743569

# Complementary

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



63074



16122004

# 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.



16741611



63074



11257343

# Square

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



63074



63743



16750847



16753724

# Rectangle

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



63074



65535



16750847



16741294

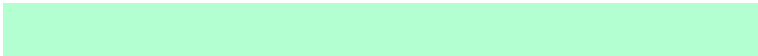


# Sweetspot

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



63074



11796433



10024448



5406820



0



8421504



# Same Dimension

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



63074



65382



63193



7240307



47690



15127



# Inverse Universe

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



16122004



16711833



16121885



8023670



12189808

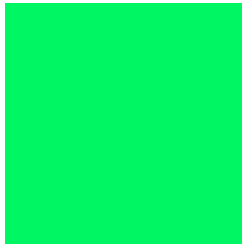


3866659



# Previews

## White Background



This preview shows how the Decimal color 63074 looks on a white background.

## Color Contrast Check

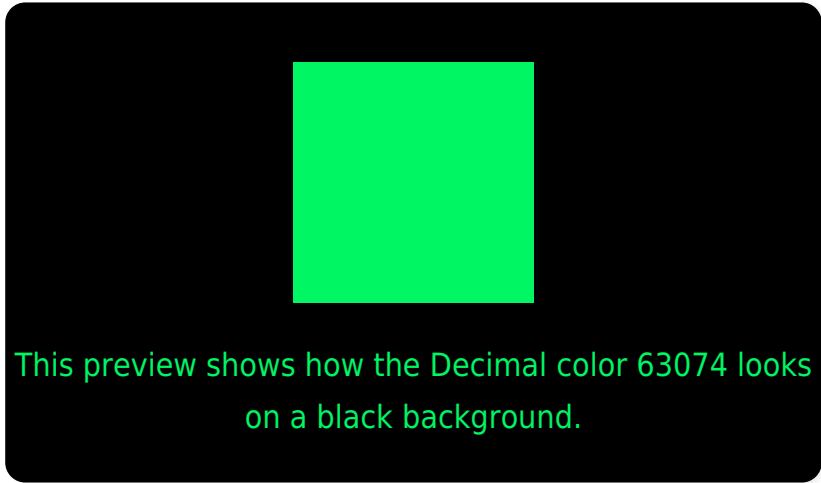
Large Text (above 18pt) WCAG AA × Fail

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 63074 Background



This preview shows how black text looks on a background with the Decimal color 63074.

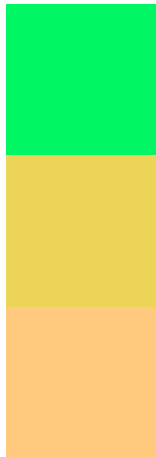


This preview shows how white text looks on a background with the Decimal color 63074.

# 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](#).

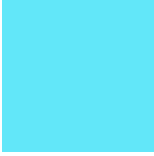
## Dichromacy



**Original Color**  
63074

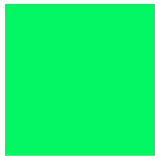
**Protanopia**  
15455320

**Deuteranopia**  
16763517



**Tritanopia**  
6481913

# Trichromacy



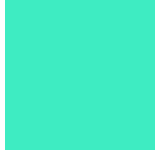
**Original Color**  
63074



**Protanomaly**  
9887836



**Deuteranomaly**  
10672755



**Tritanomaly**  
4123842

# Monochromacy



**Original Color**  
63074



**Achromatopsia**  
10263708



**Achromatomaly**  
6536583

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 63074 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 #00F662 looks like.

```
.text, #text, p{  
    color:#00F662  
}
```

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 #00F662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F662
}
```

## Border

The CSS property to change the border of an element to Decimal 63074 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
#00F662 }
```

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

```
.border{ border-color:#00F662 }
```

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

Here you see how a box with a 4 pixel #00F662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F662; -webkit-box-shadow:4px 4px  
4px 4px #00F662; box-shadow:4px 4px 4px  
4px #00F662 }
```

# Background

The CSS property to change the background color of an element to Decimal 63074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F662 }
```

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

```
.background{ background-color:#00F662 }
```

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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