

# Converting Colors

Decimal(61804)

Have a look what the booklet for  
Decimal(61804) contains.

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# **Color**

**Decimal(61804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F16C
RGB	0, 241, 108
RGB Percent	0%, 95%, 42%
CMY	1.0000, 0.0549, 0.5765
CMYK	1.00, 0.00, 0.55, 0.05
HSL	147°, 100%, 47%
HSV	147°, 100%, 95%
XYZ	34.1621, 63.9933, 24.7388
YIQ	153.7790, -100.9430, -92.4550

# Conversions

## Conversions Part 2

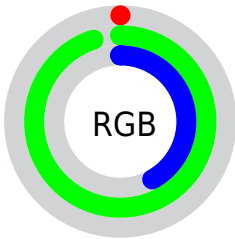
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 166, 241
Decimal	61804
CIELab	83.96, -75.37, 50.31
CIELCh	84, 90.620, 146.278
Yxy	63.9933, 0.2780, 0.5207
Android (android.graphics.Color)	4278251884 (0xFF00F16C)
YUV	153.7790, -22.5690, -134.8642
Hunter-Lab	79.9958, -63.7646, 37.6616

# Details

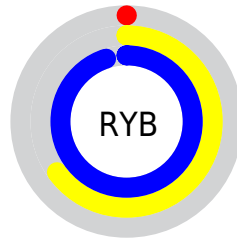
The Decimal color **61804** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **15794309**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **7405474**, and **46903** is the 20% darker color. If you saturate the color by 10%, you get **61804**, and if you desaturate by 10%, it is **1634681**.

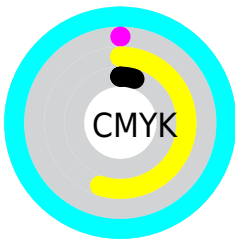
# Distribution



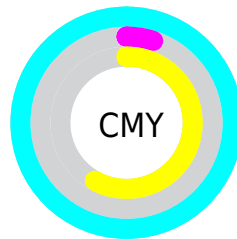
- Red (0%)
- Green (95%)
- Blue (42%)



- Red (0%)
- Yellow (65%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 61804 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 61804 by changing the saturation by 10% instead.





 61804

 1634681


 3207559

 4780436

 6353313

 7926191

 9564604

 11137481

 12710358

 14283236

# Harmonies

## Analogous

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



11592459



61804



63684

# Triad

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



61804



57343



16745099

# Complementary

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



61804



15794309

# 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.



16742624



61804



12173311

# Square

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



61804



61951



16750335



16754494

# Rectangle

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



61804



63999



16750335



16743079

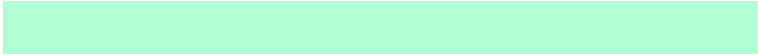


# Sweetspot

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



61804



11796437



9040128



5406822



0



8421504



# Same Dimension

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



61804



65394



61921



7108721



47186



14361



# Inverse Universe

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



15794309



16711821



15794192



7892082



12058725

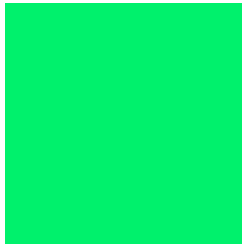


3670047



# Previews

## White Background



This preview shows how the Decimal color 61804 looks on a white background.

## Color Contrast Check

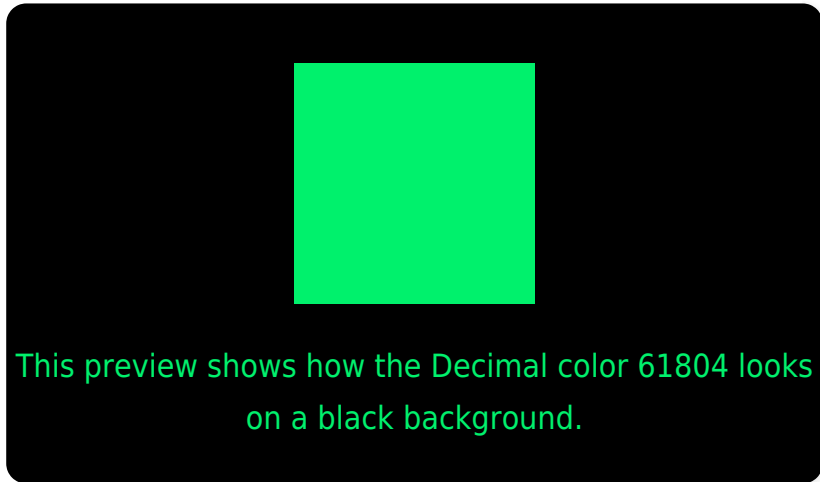
Large Text (above 18pt) WCAG AA × Fail

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 61804 Background



This preview shows how black text looks on a background with the Decimal color 61804.

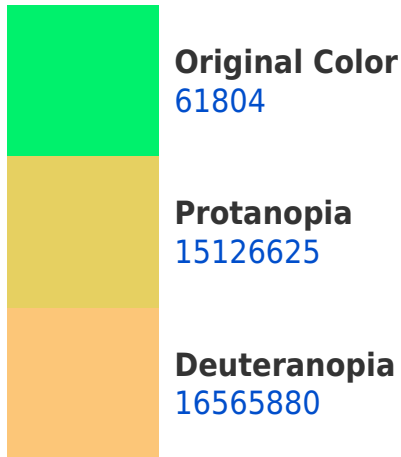


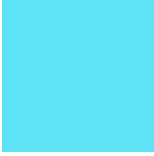
This preview shows how white text looks on a background with the Decimal color 61804.

# 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](#).

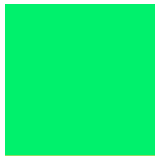
## Dichromacy





**Tritanopia**  
6218741

# Trichromacy



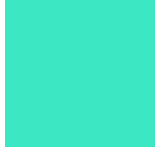
**Original Color**  
61804



**Protanomaly**  
9624677



**Deuteranomaly**  
10540660



**Tritanomaly**  
3991747

# Monochromacy



**Original Color**  
61804



**Achromatopsia**  
10132122



**Achromatomaly**  
6470281

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 61804 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 #00F16C looks like.

```
.text, #text, p{  
    color:#00F16C  
}
```

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 #00F16C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F16C
}
```

## Border

The CSS property to change the border of an element to Decimal 61804 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
#00F16C }
```

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

```
.border{ border-color:#00F16C }
```

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

Here you see how a box with a 4 pixel #00F16C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F16C; -webkit-box-shadow:4px 4px  
4px 4px #00F16C; box-shadow:4px 4px 4px  
4px #00F16C }
```

# Background

The CSS property to change the background color of an element to Decimal 61804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F16C }
```

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

```
.background{ background-color:#00F16C }
```

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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