

# Converting Colors

Decimal(64174)

Have a look what the booklet for  
Decimal(64174) contains.

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# **Color**

**Decimal(64174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FAAE
RGB	0, 250, 174
RGB Percent	0%, 98%, 68%
CMY	1.0000, 0.0196, 0.3176
CMYK	1.00, 0.00, 0.30, 0.02
HSL	162°, 100%, 49%
HSV	162°, 100%, 98%
XYZ	41.8256, 71.4272, 51.6268
YIQ	166.5860, -124.6040, -76.6360

# Conversions

## Conversions Part 2

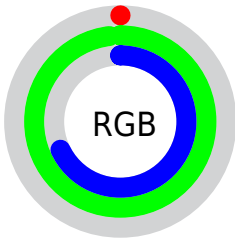
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 147, 250
Decimal	64174
CIELab	87.69, -66.64, 22.82
CIELCh	88, 70.439, 161.094
Yxy	71.4272, 0.2537, 0.4332
Android (android.graphics.Color)	4278254254 (0xFF00FAAE)
YUV	166.5860, 3.6551, -146.0959
Hunter-Lab	84.5146, -59.5624, 22.9422

# Details

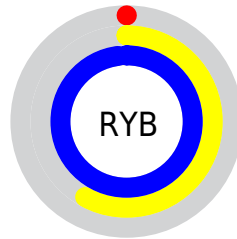
The Decimal color **64174** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **16384076**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **7536614**, and **49273** is the 20% darker color. If you saturate the color by 10%, you get **64174**, and if you desaturate by 10%, it is **1702582**.

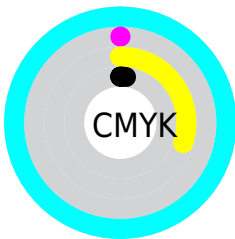
# Distribution



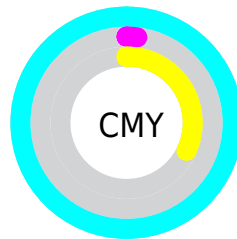
- Red (0%)
- Green (98%)
- Blue (68%)



- Red (0%)
- Yellow (58%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 64174 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 64174 by changing the saturation by 10% instead.





 64174

 1702582

 3340989


 4979397

 6617804

 8256212

 9894620

 11533027

 13171435

 14809842

# Harmonies

## Analogous

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



10547570



64174



65012

# Triad

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



64174



9427967



16756871

# Complementary

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



64174



16384076

# 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.



16752837



64174



16761087

# Square

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



64174



61439



16754687



16763226

# Rectangle

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



64174



64767



16754687



16755098

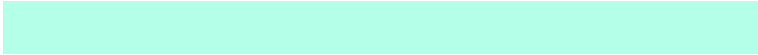


# Sweetspot

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



64174



11796456



5241344



5406834



0



8421504



# Same Dimension

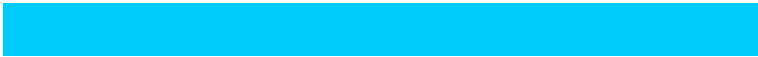
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64174



65457



52474



7372153



48515



15659



# Inverse Universe

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



16384076



16711758



16395776



8220788



12386361



3997715



# Previews

## White Background



This preview shows how the Decimal color 64174 looks on a white background.

## Color Contrast Check

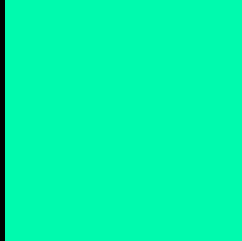
Large Text (above 18pt) WCAG AA × Fail

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 64174 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

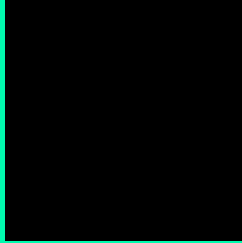
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 64174 Background



This preview shows how black text looks on a background with the Decimal color 64174.

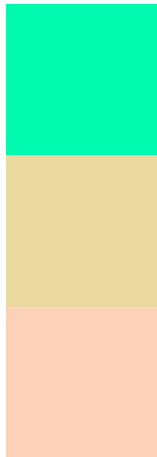


This preview shows how white text looks on a background with the Decimal color 64174.

# 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](#).

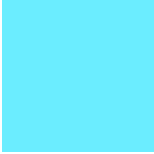
## Dichromacy



**Original Color**  
64174

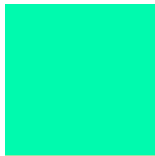
**Protanopia**  
15391391

**Deuteranopia**  
16503223



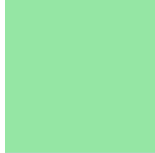
**Tritanopia**  
7073279

# Trichromacy



**Original Color**

64174



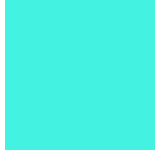
**Protanomaly**

9823908



**Deuteranomaly**

10543284



**Tritanomaly**

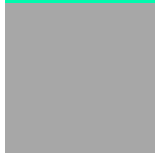
4518626

# Monochromacy



**Original Color**

64174



**Achromatopsia**

10987431



**Achromatomaly**

6997418

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 64174 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 #00FAAE looks like.

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

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 #00FAAE colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 64174 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
#00FAAE }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 64174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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