

Converting Colors

Decimal(64387)

Have a look what the booklet for
Decimal(64387) contains.

Decimal(64387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(64387)

Conversions

Conversions Part 1

Format	Color
Hex	00FB83
RGB	0, 251, 131
RGB Percent	0%, 98%, 51%
CMY	1.0000, 0.0157, 0.4863
CMYK	1.00, 0.00, 0.48, 0.02
HSL	151°, 100%, 49%
HSV	151°, 100%, 98%
XYZ	38.5939, 70.6331, 33.0722
YIQ	162.2710, -111.0760, -90.5320

Conversions

Conversions Part 2

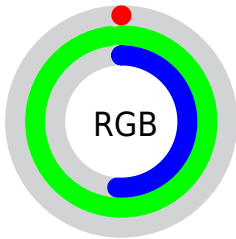
Format	Color
RYB	0, 165, 251
Decimal	64387
CIELab	87.31, -75.03, 43.67
CIELCh	87, 86.819, 149.799
Yxy	70.6331, 0.2712, 0.4964
Android (android.graphics.Color)	4278254467 (0xFF00FB83)
YUV	162.2710, -15.4166, -142.3117
Hunter-Lab	84.0435, -65.1064, 35.4991

Details

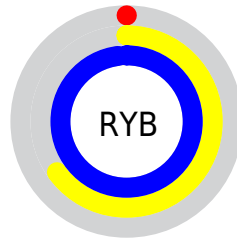
The Decimal color **64387** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **16449656**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **7602106**, and **49487** is the 20% darker color. If you saturate the color by 10%, you get **64387**, and if you desaturate by 10%, it is **1702799**.

Distribution



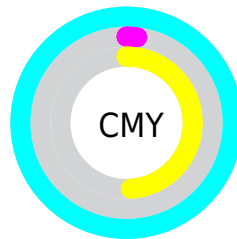
- Red (0%)
- Green (98%)
- Blue (51%)



- Red (0%)
- Yellow (65%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 64387 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 64387 by changing the saturation by 10% instead.



 64387

 1702799

 3341211

 4979623

 6618035

 8321983

 9960395

 11598807

 13237219

 14875631

Harmonies

Analogous

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



11726392



64387



65496

Triad

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



64387



58879



16749966

Complementary

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



64387



16449656

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.



16746719



64387



14140927

Square

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



64387



63743



16752639



16758343

Rectangle

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



64387



65535



16752639



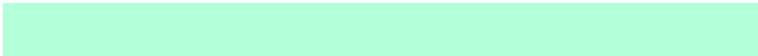
16747944

Sweetspot

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



64387



11796442



7994112



5406826



0



8421504

Same Dimension

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



64387



65413



63483



7372151



48482



15648

Inverse Universe

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



16449656



16711802



16450560



8220790



12386394



3997725

Previews

White Background



This preview shows how the Decimal color 64387 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 64387 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 64387 Background



This preview shows how black text looks on a background with the Decimal color 64387.

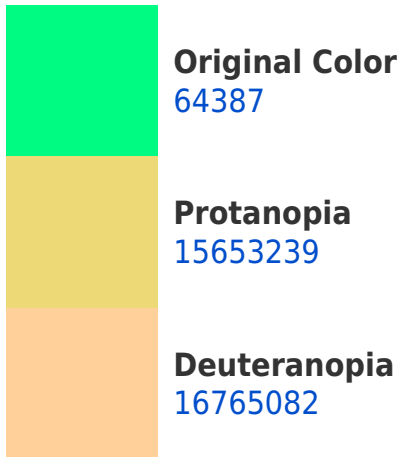


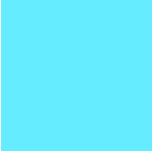
This preview shows how white text looks on a background with the Decimal color 64387.

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
6745343

Trichromacy



Original Color
64387



Protanomaly
9954683



Deuteranomaly
10674322



Tritanomaly
4321746

Monochromacy



Original Color
64387



Achromatopsia
10658466



Achromatomaly
6800023

CSS Examples

Text

The CSS property to change the color of the text to Decimal 64387 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 #00FB83 looks like.

```
.text, #text, p{  
    color:#00FB83  
}
```

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 #00FB83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FB83
}
```

Border

The CSS property to change the border of an element to Decimal 64387 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
#00FB83 }
```

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

```
.border{ border-color:#00FB83 }
```

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

Here you see how a box with a 4 pixel #00FB83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FB83; -webkit-box-shadow:4px 4px  
4px 4px #00FB83; box-shadow:4px 4px 4px  
4px #00FB83 }
```

Background

The CSS property to change the background color of an element to Decimal 64387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FB83 }
```

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

```
.background{ background-color:#00FB83 }
```

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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