

Converting Colors

Decimal(63342)

Have a look what the booklet for
Decimal(63342) contains.

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Color

Decimal(63342)

Conversions

Conversions Part 1

Format	Color
Hex	00F76E
RGB	0, 247, 110
RGB Percent	0%, 97%, 43%
CMY	1.0000, 0.0314, 0.5686
CMYK	1.00, 0.00, 0.55, 0.03
HSL	147°, 100%, 48%
HSV	147°, 100%, 97%
XYZ	36.0752, 67.6473, 25.9077
YIQ	157.5290, -103.2350, -94.9710

Conversions

Conversions Part 2

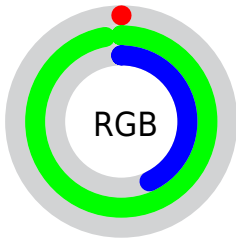
Format	Color
RYB	0, 171, 247
Decimal	63342
CIELab	85.83, -76.91, 51.64
CIELCh	86, 92.633, 146.122
Yxy	67.6473, 0.2783, 0.5218
Android (android.graphics.Color)	4278253422 (0xFF00F76E)
YUV	157.5290, -23.4318, -138.1529
Hunter-Lab	82.2480, -65.6411, 38.8975

Details

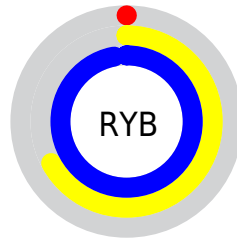
The Decimal color **63342** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **16187529**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **7536548**, and **48441** is the 20% darker color. If you saturate the color by 10%, you get **63342**, and if you desaturate by 10%, it is **1701756**.

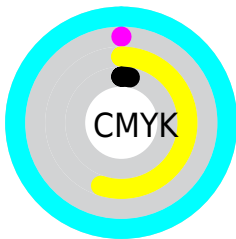
Distribution



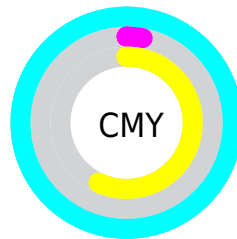
- Red (0%)
- Green (97%)
- Blue (43%)



- Red (0%)
- Yellow (67%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 63342 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 63342 by changing the saturation by 10% instead.



■ 63342

■ 1701756

■ 3274633

■ 4913047

■ 6551461

■ 8189875

■ 9762752

■ 11401166

■ 13039580

■ 14612457

Harmonies

Analogous

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



11921415



63342



65224

Triad

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



63342



58879



16745871

Complementary

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



63342



16187529

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.



16743398



63342



12371199

Square

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



63342



63487



16751359



16755519

Rectangle

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



63342



65535



16751359



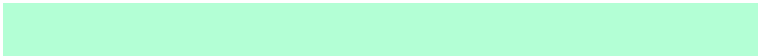
16743851

Sweetspot

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



63342



11796437



9238272



5406822



0



8421504

Same Dimension

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



63342



65394



63463



7240308



47699



15130

Inverse Universe

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



16187529



16711821



16187408



8023669



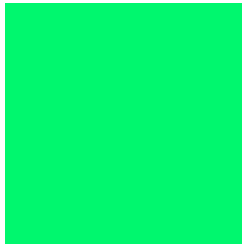
12189799



3866657

Previews

White Background



This preview shows how the Decimal color 63342 looks on a white background.

Color Contrast Check

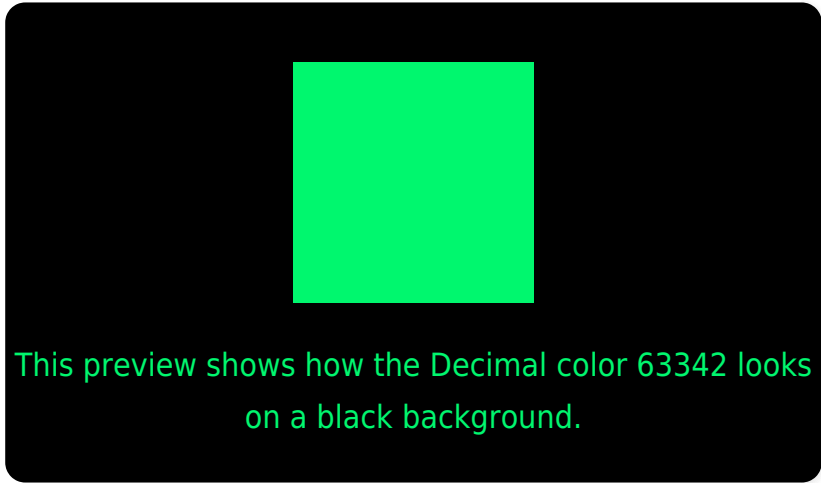
Large Text (above 18pt) WCAG AA × Fail

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 63342 Background



This preview shows how black text looks on a background with the Decimal color 63342.

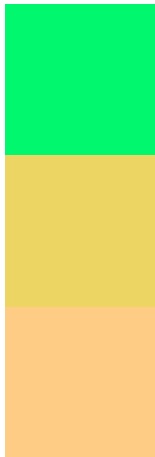


This preview shows how white text looks on a background with the Decimal color 63342.

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](#).

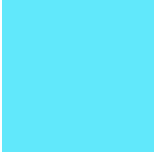
Dichromacy



Original Color
63342

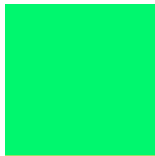
Protanopia
15521123

Deuteranopia
16764037



Tritanopia
6416635

Trichromacy



Original Color
63342



Protanomaly
9888103



Deuteranomaly
10673277



Tritanomaly
4124104

Monochromacy



Original Color
63342



Achromatopsia
10395294



Achromatomaly
6667917

CSS Examples

Text

The CSS property to change the color of the text to Decimal 63342 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 #00F76E looks like.

```
.text, #text, p{  
    color:#00F76E  
}
```

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 #00F76E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F76E
}
```

Border

The CSS property to change the border of an element to Decimal 63342 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
#00F76E }
```

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

```
.border{ border-color:#00F76E }
```

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

Here you see how a box with a 4 pixel #00F76E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F76E; -webkit-box-shadow:4px 4px  
4px 4px #00F76E; box-shadow:4px 4px 4px  
4px #00F76E }
```

Background

The CSS property to change the background color of an element to Decimal 63342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F76E }
```

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

```
.background{ background-color:#00F76E }
```

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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