

Converting Colors

Decimal(63349)

Have a look what the booklet for
Decimal(63349) contains.

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Color

Decimal(63349)

Conversions

Conversions Part 1

Format	Color
Hex	00F775
RGB	0, 247, 117
RGB Percent	0%, 97%, 46%
CMY	1.0000, 0.0314, 0.5412
CMYK	1.00, 0.00, 0.53, 0.03
HSL	148°, 100%, 48%
HSV	148°, 100%, 97%
XYZ	36.4717, 67.8059, 27.9952
YIQ	158.3270, -105.4820, -92.7940

Conversions

Conversions Part 2

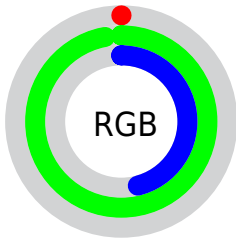
Format	Color
RYB	0, 168, 247
Decimal	63349
CIELab	85.91, -75.93, 48.53
CIELCh	86, 90.112, 147.415
Yxy	67.8059, 0.2757, 0.5126
Android (android.graphics.Color)	4278253429 (0xFF00F775)
YUV	158.3270, -20.3742, -138.8528
Hunter-Lab	82.3443, -65.0420, 37.4838

Details

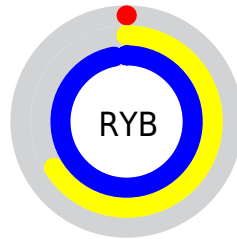
The Decimal color **63349** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **16187522**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **7536555**, and **48448** is the 20% darker color. If you saturate the color by 10%, you get **63349**, and if you desaturate by 10%, it is **1701762**.

Distribution



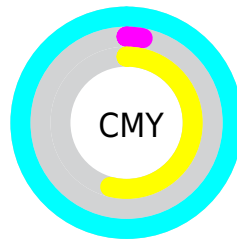
- Red (0%)
- Green (97%)
- Blue (46%)



- Red (0%)
- Yellow (66%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 63349 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 63349 by changing the saturation by 10% instead.



■ 63349

■ 1701762

■ 3274639

■ 4913052

■ 6551465

■ 8189878

■ 9762755

■ 11401168

■ 13039581

■ 14612458

Harmonies

Analogous

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



11790624



63349



64973

Triad

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



63349



58367



16747150

Complementary

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



63349



16187522

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.



16744418



63349



12960767

Square

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



63349



63231



16751615



16756290

Rectangle

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



63349



65279



16751615



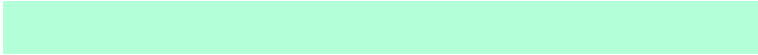
16745129

Sweetspot

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



63349



11796439



8713984



5406823



0



8421504

Same Dimension

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



63349



65401



63471



7240308



47704



15132

Inverse Universe

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



16187522



16711814



16187400



8023669



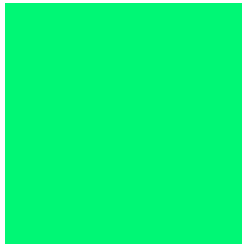
12189794



3866655

Previews

White Background



This preview shows how the Decimal color 63349 looks on a white background.

Color Contrast Check

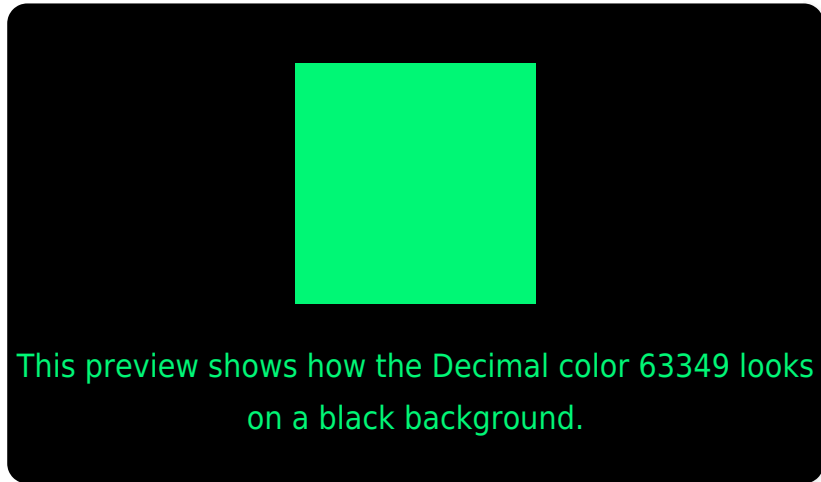
Large Text (above 18pt) WCAG AA × Fail

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 63349 Background



This preview shows how black text looks on a background with the Decimal color 63349.



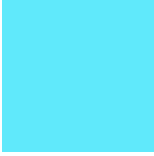
This preview shows how white text looks on a background with the Decimal color 63349.

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](#).

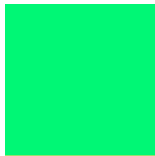
Dichromacy





Tritanopia
6351355

Trichromacy



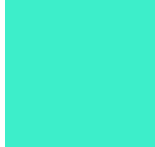
Original Color
63349



Protanomaly
9888110



Deuteranomaly
10673282



Tritanomaly
4058826

Monochromacy



Original Color
63349



Achromatopsia
10395294



Achromatomaly
6667919

CSS Examples

Text

The CSS property to change the color of the text to Decimal 63349 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 #00F775 looks like.

```
.text, #text, p{  
    color:#00F775  
}
```

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 #00F775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F775
}
```

Border

The CSS property to change the border of an element to Decimal 63349 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
#00F775 }
```

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

```
.border{ border-color:#00F775 }
```

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

Here you see how a box with a 4 pixel #00F775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F775; -webkit-box-shadow:4px 4px  
4px 4px #00F775; box-shadow:4px 4px 4px  
4px #00F775 }
```

Background

The CSS property to change the background color of an element to Decimal 63349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F775 }
```

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

```
.background{ background-color:#00F775 }
```

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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