

Converting Colors

Decimal(62869)

Have a look what the booklet for
Decimal(62869) contains.

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Color

Decimal(62869)

Conversions

Conversions Part 1

Format	Color
Hex	00F595
RGB	0, 245, 149
RGB Percent	0%, 96%, 58%
CMY	1.0000, 0.0392, 0.4157
CMYK	1.00, 0.00, 0.39, 0.04
HSL	156°, 100%, 48%
HSV	156°, 100%, 96%
XYZ	38.0772, 67.4747, 39.4508
YIQ	160.8010, -115.2040, -81.7960

Conversions

Conversions Part 2

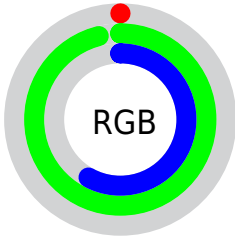
Format	Color
RYB	0, 152, 245
Decimal	62869
CIELab	85.74, -69.96, 32.84
CIELCh	86, 77.280, 154.854
Yxy	67.4747, 0.2626, 0.4653
Android (android.graphics.Color)	4278252949 (0xFF00F595)
YUV	160.8010, -5.8179, -141.0225
Hunter-Lab	82.1430, -61.0070, 29.0249

Details

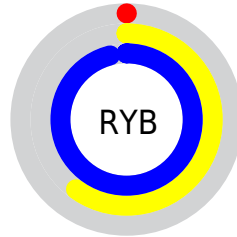
The Decimal color **62869** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **16056416**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **7471052**, and **47969** is the 20% darker color. If you saturate the color by 10%, you get **62869**, and if you desaturate by 10%, it is **1635743**.

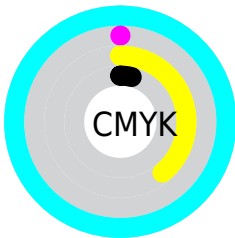
Distribution



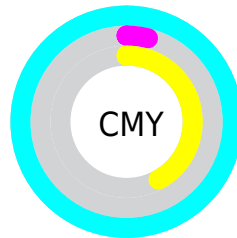
- Red (0%)
- Green (96%)
- Blue (58%)



- Red (0%)
- Yellow (60%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 62869 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 62869 by changing the saturation by 10% instead.



 62869

 1635743

 3274152

 4912562

 6485435

 8123845

 9696719

 11269592

 12908002

 14546411

Harmonies

Analogous

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



10938965



62869



63968

Triad

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



62869



3922943



16752519

Complementary

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



62869



16056416

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.



16749005



62869



15253247

Square

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



62869



61183



16752639



16759886

Rectangle

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



62869



63999



16752639



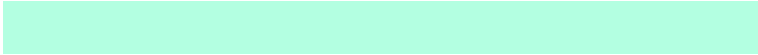
16750749

Sweetspot

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



62869



11796449



6485248



5406830



0



8421504

Same Dimension

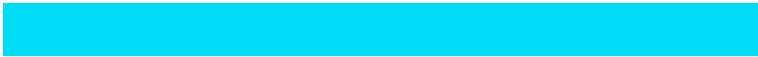
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62869



65435



56565



7240310



47729



15140

Inverse Universe

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



16056416



16711780



16062464



8023667



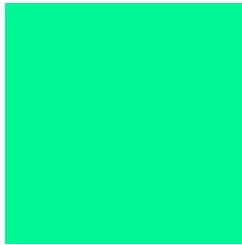
12189769



3866647

Previews

White Background



This preview shows how the Decimal color 62869 looks on a white background.

Color Contrast Check

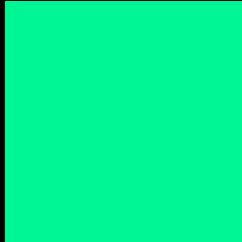
Large Text (above 18pt) WCAG AA × Fail

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 62869 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 62869 Background



This preview shows how black text looks on a background with the Decimal color 62869.



This preview shows how white text looks on a background with the Decimal color 62869.

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](#).

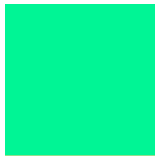
Dichromacy





Tritanopia
5827068

Trichromacy



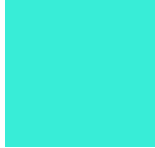
Original Color
62869



Protanomaly
9691277



Deuteranomaly
10476443



Tritanomaly
3730903

Monochromacy



Original Color
62869



Achromatopsia
10592673



Achromatomaly
6733981

CSS Examples

Text

The CSS property to change the color of the text to Decimal 62869 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 #00F595 looks like.

```
.text, #text, p{  
    color:#00F595  
}
```

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 #00F595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F595
}
```

Border

The CSS property to change the border of an element to Decimal 62869 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
#00F595 }
```

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

```
.border{ border-color:#00F595 }
```

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

Here you see how a box with a 4 pixel #00F595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F595; -webkit-box-shadow:4px 4px  
4px 4px #00F595; box-shadow:4px 4px 4px  
4px #00F595 }
```

Background

The CSS property to change the background color of an element to Decimal 62869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F595 }
```

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

```
.background{ background-color:#00F595 }
```

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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