

Converting Colors

Decimal(59468)

Have a look what the booklet for
Decimal(59468) contains.

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Color

Decimal(59468)

Conversions

Conversions Part 1

Format	Color
Hex	00E84C
RGB	0, 232, 76
RGB Percent	0%, 91%, 30%
CMY	1.0000, 0.0902, 0.7020
CMYK	1.00, 0.00, 0.67, 0.09
HSL	140°, 100%, 45%
HSV	140°, 100%, 91%
XYZ	30.1611, 58.2350, 16.4883
YIQ	144.8480, -88.1960, -97.7000

Conversions

Conversions Part 2

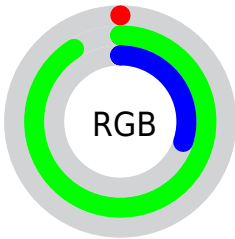
Format	Color
RYB	0, 175, 232
Decimal	59468
CIELab	80.87, -76.50, 60.41
CIELCh	81, 97.478, 141.701
Yxy	58.2350, 0.2876, 0.5552
Android (android.graphics.Color)	4278249548 (0xFF00E84C)
YUV	144.8480, -33.9421, -127.0317
Hunter-Lab	76.3119, -62.9964, 40.6078

Details

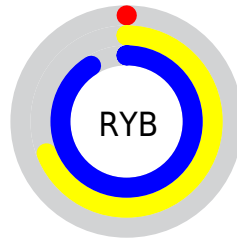
The Decimal color **59468** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **15204508**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **7339907**, and **44805** is the 20% darker color. If you saturate the color by 10%, you get **59468**, and if you desaturate by 10%, it is **1566812**.

Distribution



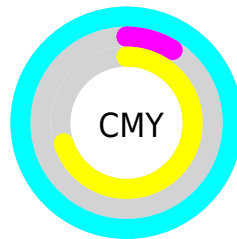
- Red (0%)
- Green (91%)
- Blue (30%)



- Red (0%)
- Yellow (69%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 59468 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 59468 by changing the saturation by 10% instead.



 59468

 1566812

 3074155

 4647035

 6154378

 7661722

 9169066

 10676409

 12249289

 13756632

Harmonies

Analogous

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



11720704



59468



61612

Triad

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



59468



56319



16738443

Complementary

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



59468



15204508

Split Complementary

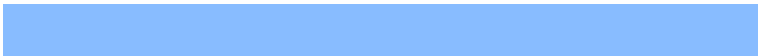
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16737254



59468



8961279

Square

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



59468



60671



16748287



16749364

Rectangle

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



59468



61931



16748287



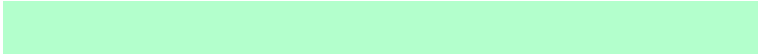
16736425

Sweetspot

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



59468



11796428



10479616



5406817



0



8421504

Same Dimension

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



59468



65364



59581



6779755



45882



13073

Inverse Universe

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



15204508



16711851



15204395



7563119



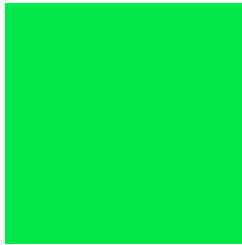
11731064



3342370

Previews

White Background



This preview shows how the Decimal color 59468 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 59468 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

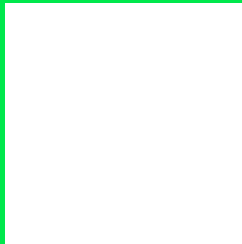
Any Text WCAG AAA ✓ Pass

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

Decimal 59468 Background



This preview shows how black text looks on a background with the Decimal color 59468.

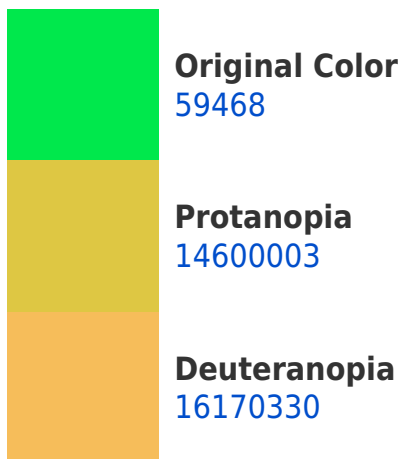


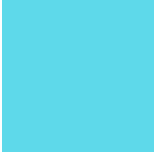
This preview shows how white text looks on a background with the Decimal color 59468.

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
6216170

Trichromacy



Original Color
59468



Protanomaly
9294662

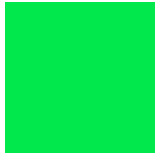


Deuteranomaly
10341717



Tritanomaly
3989169

Monochromacy



Original Color
59468



Achromatopsia
9539985



Achromatomaly
6074744

CSS Examples

Text

The CSS property to change the color of the text to Decimal 59468 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 #00E84C looks like.

```
.text, #text, p{  
    color:#00E84C  
}
```

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 #00E84C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E84C
}
```

Border

The CSS property to change the border of an element to Decimal 59468 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
#00E84C }
```

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

```
.border{ border-color:#00E84C }
```

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

Here you see how a box with a 4 pixel #00E84C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E84C; -webkit-box-shadow:4px 4px  
4px 4px #00E84C; box-shadow:4px 4px 4px  
4px #00E84C }
```

Background

The CSS property to change the background color of an element to Decimal 59468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E84C }
```

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

```
.background{ background-color:#00E84C }
```

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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