

Converting Colors

Decimal(3866469)

Have a look what the booklet for
Decimal(3866469) contains.

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Color

Decimal(3866469)

Conversions

Conversions Part 1

Format	Color
Hex	3AFF65
RGB	58, 255, 101
RGB Percent	23%, 100%, 40%
CMY	0.7725, 0.0000, 0.6039
CMYK	0.77, 0.00, 0.60, 0.00
HSL	133°, 100%, 61%
HSV	133°, 77%, 100%
XYZ	39.8539, 73.3591, 24.3711
YIQ	178.5410, -67.9780, -89.6580

Conversions

Conversions Part 2

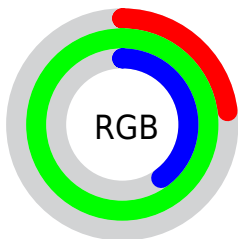
Format	Color
RYB	58, 220, 255
Decimal	3866469
CIELab	88.62, -76.71, 58.94
CIELCh	89, 96.737, 142.459
Yxy	73.3591, 0.2897, 0.5332
Android (android.graphics.Color)	4282056549 (0xFF3AFF65)
YUV	178.5410, -38.2277, -105.7145
Hunter-Lab	85.6499, -66.8293, 43.0844

Details

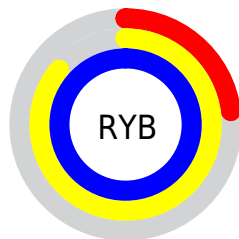
The Decimal color **3866469** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **16726740**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **8912796**, and **50476** is the 20% darker color. If you saturate the color by 10%, you get **2162513**, and if you desaturate by 10%, it is **5504889**.

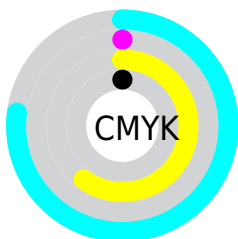
Distribution



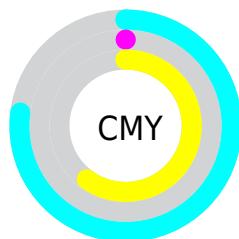
- Red (23%)
- Green (100%)
- Blue (40%)



- Red (23%)
- Yellow (86%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (77%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3866469 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 3866469 by changing the saturation by 10% instead.

 3866469

 3866469

16777215

 57929

 8912796

 50476

 11075512

 43010

 13172693

 36096

 15269874

 28928

 22272

 16128

 9216

 0

■ 3866469

■ 3866469

■ 2162513

■ 5504889

■ 524093

■ 7208845

■ 65336

■ 8847265

■ 10551221

■ 12189641

■ 13893597

■ 15532017

16777215

Harmonies

Analogous

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



13102592



3866469



65475

Triad

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



3866469



61695



16745630

Complementary

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



3866469



16726740

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.



16744442



3866469



11194623

Square

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



3866469



65535



16753919



16755529

Rectangle

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



3866469



65535



16753919



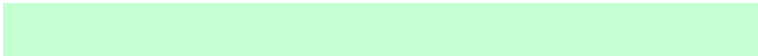
16743868

Sweetspot

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



3866469



12910545



13958970



6062180



0



8421504

Same Dimension

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



3866469



1244998



3866567



7569526



48938



16398

Inverse Universe

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



16726740



16716491



16726642



8418173



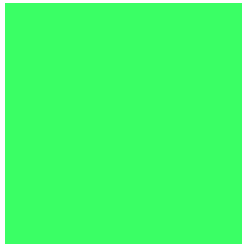
12517526



4194354

Previews

White Background



This preview shows how the Decimal color 3866469 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 3866469 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 3866469 Background



This preview shows how black text looks on a background with the Decimal color 3866469.

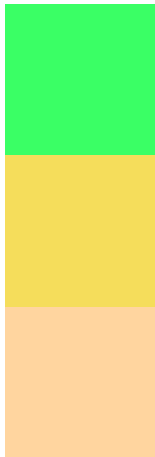


This preview shows how white text looks on a background with the Decimal color 3866469.

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
3866469

Protanopia
16112987

Deuteranopia
16766367



Tritanopia
8515071

Trichromacy



Original Color

3866469



Protanomaly

11659615



Deuteranomaly

12051594



Tritanomaly

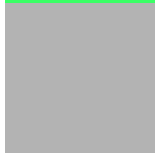
6812871

Monochromacy



Original Color

3866469



Achromatopsia

11776947



Achromatomaly

8900503

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3866469 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 #3AFF65 looks like.

```
.text, #text, p{  
    color:#3AFF65  
}
```

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 #3AFF65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AFF65
}
```

Border

The CSS property to change the border of an element to Decimal 3866469 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
#3AFF65 }
```

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

```
.border{ border-color:#3AFF65 }
```

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

Here you see how a box with a 4 pixel #3AFF65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AFF65; -webkit-box-shadow:4px 4px  
4px 4px #3AFF65; box-shadow:4px 4px 4px  
4px #3AFF65 }
```

Background

The CSS property to change the background color of an element to Decimal 3866469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AFF65 }
```

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

```
.background{ background-color:#3AFF65 }
```

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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