

# Converting Colors

Decimal(10682219)

Have a look what the booklet for  
Decimal(10682219) contains.

<b>Decimal(10682219)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(10682219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2FF6B
RGB	162, 255, 107
RGB Percent	64%, 100%, 42%
CMY	0.3647, 0.0000, 0.5804
CMYK	0.36, 0.00, 0.58, 0.00
HSL	98°, 100%, 71%
HSV	98°, 58%, 100%
XYZ	53.3141, 80.2629, 26.5923
YIQ	210.3210, -7.9200, -65.7440

# Conversions

## Conversions Part 2

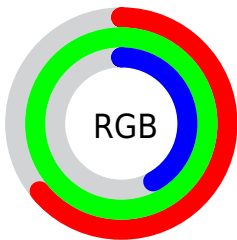
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 255, 200</a>
Decimal	<a href="#">10682219</a>
<a href="#">CIELab</a>	<a href="#">91.80, -52.31, 60.85</a>
<a href="#">CIElCh</a>	<a href="#">92, 80.246, 130.684</a>
<a href="#">Yxy</a>	<a href="#">80.2629, 0.3329, 0.5011</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4288872299 (0xFFA2FF6B)</a>
<a href="#">YUV</a>	<a href="#">210.3210, -50.9373, -42.3775</a>
<a href="#">Hunter-Lab</a>	<a href="#">89.5896, -50.5576, 45.1141</a>

# Details

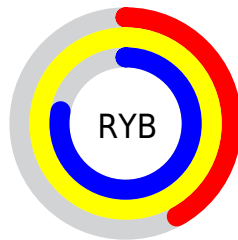
The Decimal color **10682219** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **13134847**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **14548898**, and **6866483** is the 20% darker color. If you saturate the color by 10%, you get **9633618**, and if you desaturate by 10%, it is **11730821**.

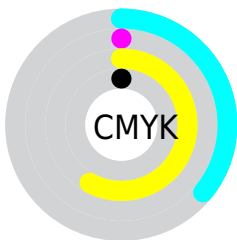
# Distribution



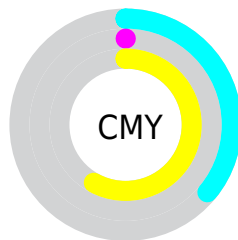
- Red (64%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (78%)



- Cyan (36%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



















- Cyan (36%)
- Magenta (0%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10682219 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 10682219 by changing the saturation by 10% instead.



 10682219	 10682219
 16777215	 8774223
 14548898	 6866483
 16515007	 4893199
 16777180	 2658048
 16777209	 29696
	 23296
	 16896
	 11520
	 3072

■ 10682219

■ 10682219

■ 9633618

■ 11730821

■ 8585016

■ 12779422

■ 7536415

■ 13828024

■ 6487813

■ 14876625

■ 6291200

■ 15925227

16777215

# Harmonies

## Analogous

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



16182336



10682219



65458

# Triad

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



10682219



65279



16752847

# Complementary

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



10682219



13134847

# 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.



16755199



10682219



8579071

# Square

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



10682219



65535



16762879



16757639

# Rectangle

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



10682219



65511



16762879



16752873

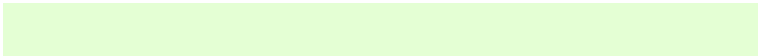


# Sweetspot

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



10682219



15007700



16762475



7307366



0



8421504



# Same Dimension

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



10682219



9437005



7077756



7831667



4701952



1589248



# Inverse Universe

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



13134847



12406271



16739310



8090496



7864511

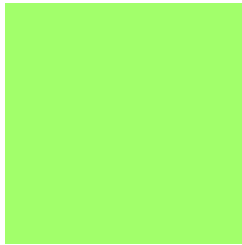


2621504



# Previews

## White Background



This preview shows how the Decimal color 10682219 looks on a white background.

## Color Contrast Check

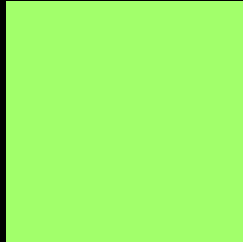
Large Text (above 18pt) WCAG AA × Fail

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 10682219 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 10682219 Background



This preview shows how black text looks on a background with the Decimal color 10682219.

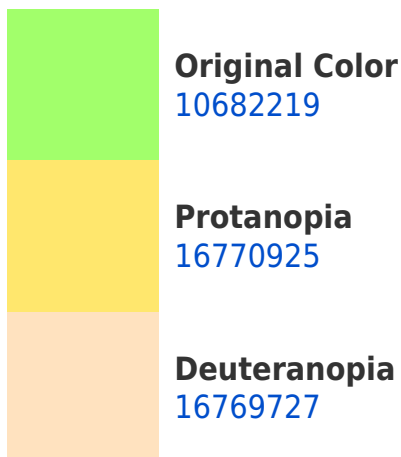


This preview shows how white text looks on a background with the Decimal color 10682219.

# 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



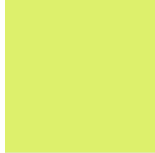


**Tritanopia**  
12644095

# Trichromacy



**Original Color**  
10682219



**Protanomaly**  
14545004

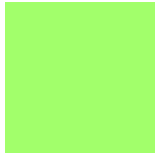


**Deuteranomaly**  
14544288

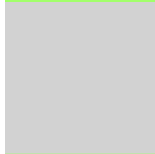


**Tritanomaly**  
11924681

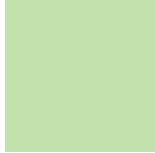
# Monochromacy



**Original Color**  
10682219



**Achromatopsia**  
13816530



**Achromatomaly**  
12706477

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10682219 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 #A2FF6B looks like.

```
.text, #text, p{  
    color:#A2FF6B  
}
```

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 #A2FF6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2FF6B
}
```

## Border

The CSS property to change the border of an element to Decimal 10682219 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
#A2FF6B }
```

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

```
.border{ border-color:#A2FF6B }
```

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

Here you see how a box with a 4 pixel #A2FF6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2FF6B; -webkit-box-shadow:4px 4px  
4px 4px #A2FF6B; box-shadow:4px 4px 4px  
4px #A2FF6B }
```

# Background

The CSS property to change the background color of an element to Decimal 10682219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2FF6B }
```

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

```
.background{ background-color:#A2FF6B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor