

# Converting Colors

Android(4288610202)

Have a look what the booklet for  
Android(4288610202) contains.

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# **Color**

**Android(4288610202)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EFF9A
RGB	158, 255, 154
RGB Percent	62%, 100%, 60%
CMY	0.3804, 0.0000, 0.3961
CMYK	0.38, 0.00, 0.40, 0.00
HSL	118°, 100%, 80%
HSV	118°, 40%, 100%
XYZ	55.6933, 81.1222, 43.2947
YIQ	214.4830, -25.3910, -51.9750

# Conversions

## Conversions Part 2

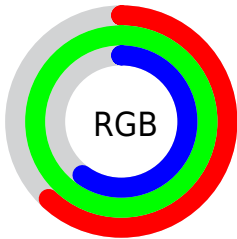
Format	Color
<a href="#">RYB</a>	<a href="#">154, 255, 251</a>
Decimal	<a href="#">10420122</a>
CIELab	<a href="#">92.19, -47.92, 39.46</a>
CIElCh	<a href="#">92, 62.074, 140.531</a>
Yxy	<a href="#">81.1222, 0.3092, 0.4504</a>
Android (android.graphics.Color)	<a href="#">4288610202 (0xFF9EFF9A)</a>
YUV	<a href="#">214.4830, -29.8181, -49.5356</a>
Hunter-Lab	<a href="#">90.0679, -47.2436, 34.5474</a>

# Details

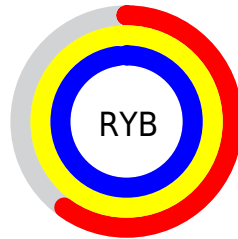
The Android color `4288610202` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4294679295`, and the grayscale version is `4292335575`.

A 20% lighter version of the original color is `4292411345`, and `4284860005` is the 20% darker color. If you saturate the color by 10%, you get `4287037313`, and if you desaturate by 10%, it is `4290183091`.

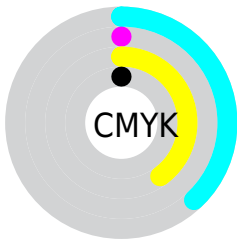
# Distribution



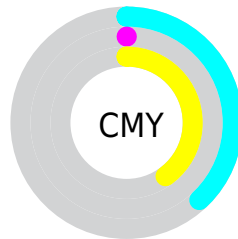
- Red (62%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288610202 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 Android color 4288610202 by changing the saturation by 10% instead.





4288610202



4288610202

4294967295



4286767743



4292411345



4284860005



4294311918



4283017804



4280913715



4278220058



4278213376



4278206976



4278201600



4278193664

■ 4288610202

■ 4288610202

■ 4287037313

■ 4290183091

■ 4285398887

■ 4291821517

■ 4283825998

■ 4293394407

■ 4282187572

4294967295

■ 4280614682

■ 4278976257

■ 4278910720

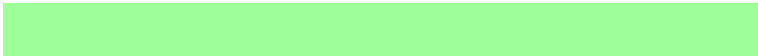
# Harmonies

## Analogous

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



4293194356



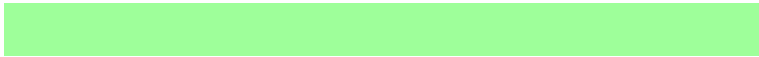
4288610202



4280745939

# Triad

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



4288610202



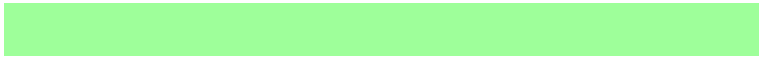
4282774783



4294949314

# Complementary

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



4288610202



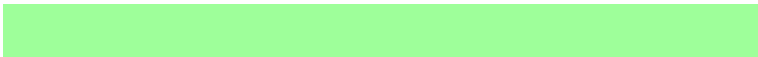
4294679295

# 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.



4294949374



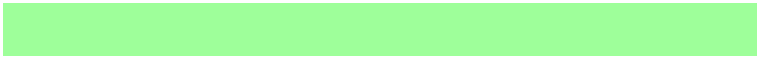
4288610202



4291813631

# Square

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



4288610202



4278255615



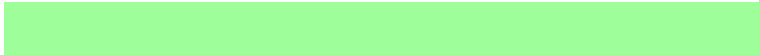
4294953471



4294953358

# Rectangle

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



4288610202



4278255612



4294953471

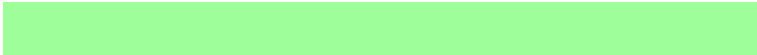


4294948822

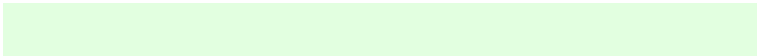


# Sweetspot

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



4288610202



4293066720



4294965914



4285431918



4278190080

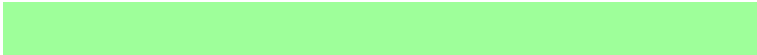


4286611584



# Same Dimension

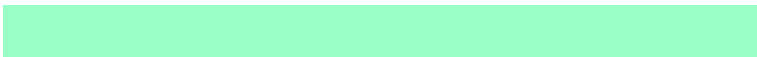
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4288610202



4287233925



4288348103



4285759603



4278763264



4278403072



# Inverse Universe

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



4294679295



4294608383



4294941394



4286542720



4290248895

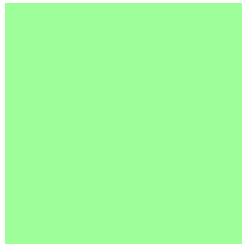


4282187840



# Previews

## White Background



This preview shows how the Android color 4288610202 looks on a white background.

## Color Contrast Check

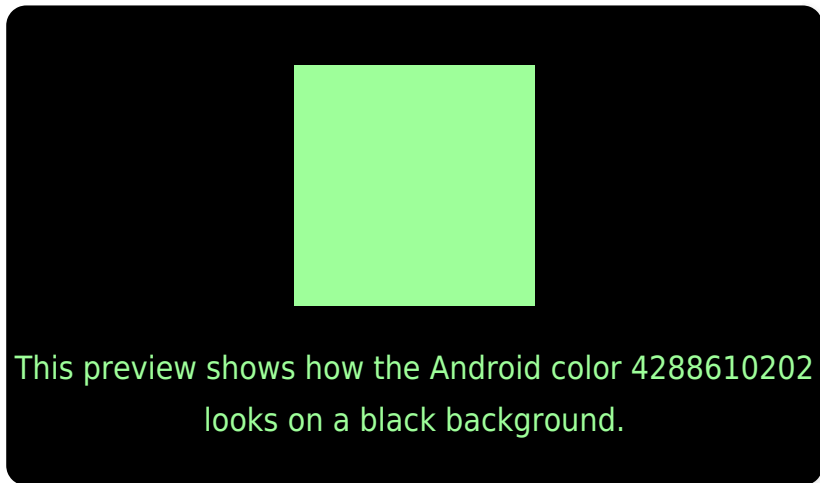
Large Text (above 18pt) WCAG AA × Fail

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](#).



# Android 4288610202 Background



This preview shows how black text looks on a background with the Android color 4288610202.

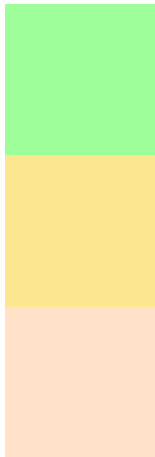


This preview shows how white text looks on a background with the Android color 4288610202.

# 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**  
4288610202

**Protanopia**  
4294764433

**Deuteranopia**  
4294959816

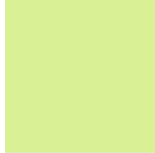


**Tritanopia**  
4290834687

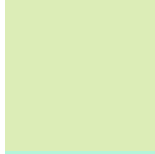
# Trichromacy



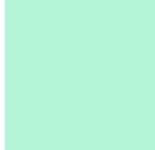
**Original Color**  
4288610202



**Protanomaly**  
4292538516



**Deuteranomaly**  
4292668855

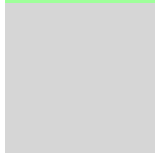


**Tritanomaly**  
4290049498

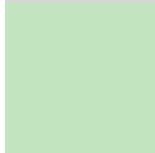
# Monochromacy



**Original Color**  
4288610202



**Achromatopsia**  
4292269782



**Achromatomaly**  
4290962880

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288610202 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 `rgb(158, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 154)  
}
```

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 rgb(158, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 154) }
```

## Border

The CSS property to change the border of an element to Android 4288610202 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 rgb(158, 255, 154) }
```

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

```
.border{ border-color:rgb(158, 255, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 255, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4288610202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 255, 154) }
```

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

```
.background{ background-color: rgb(158,  
255, 154) }
```

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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