

# Converting Colors

Android(4288214282)

Have a look what the booklet for  
Android(4288214282) contains.

<b>Android(4288214282)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# **Color**

**Android(4288214282)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98F50A
RGB	152, 245, 10
RGB Percent	60%, 96%, 4%
CMY	0.4039, 0.0392, 0.9608
CMYK	0.38, 0.00, 0.96, 0.04
HSL	84°, 92%, 50%
HSV	84°, 96%, 96%
XYZ	45.6561, 72.0021, 11.7786
YIQ	190.4030, 20.0070, -92.8010

# Conversions

## Conversions Part 2

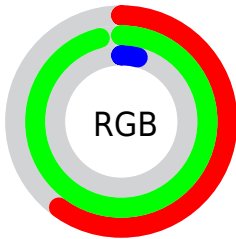
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 245, 103
Decimal	10024202
CIELab	87.97, -56.56, 83.96
CIELCh	88, 101.237, 123.967
Yxy	72.0021, 0.3527, 0.5563
Android (android.graphics.Color)	4288214282 (0xFF98F50A)
YUV	190.4030, -88.9387, -33.6794
Hunter-Lab	84.8541, -52.4519, 51.1678

# Details

The Android color **4288214282** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **4284943093**, and the grayscale version is **4290756543**.

A 20% lighter version of the original color is **4292214622**, and **4284136448** is the 20% darker color. If you saturate the color by 10%, you get **4287952128**, and if you desaturate by 10%, it is **4288869666**.

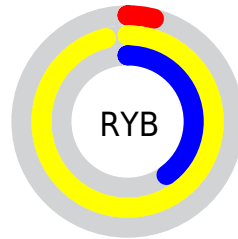
# Distribution



Red (60%)

Green (96%)

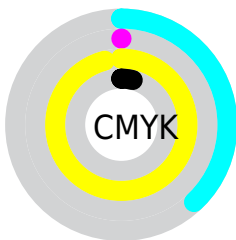
Blue (4%)



Red (4%)

Yellow (96%)

Blue (40%)

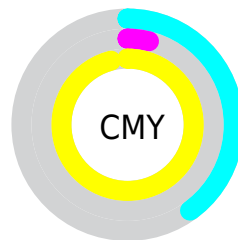


Cyan (38%)

Magenta (0%)

Yellow (96%)

Black (4%)



Cyan (40%)

Magenta (4%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color #4288214282 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 #4288214282 by changing the saturation by 10% instead.





4288214282



4288214282

4294967295



4286240768



4292214622



4284136448



4294180732



4281966592



4294967194



4278552064



4294967224



4278217728



4294967254



4278211072



4294967284



4278204928



4278199040



4278190080

■ 4288214282

■ 4288214282

■ 4287952128

■ 4288869666

■ 4289459515

■ 4290114900

■ 4290770284

■ 4291360132

■ 4292015517

■ 4292670902

■ 4293326286

■ 4293916135

# Harmonies

## Analogous

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



4294761728



4288214282



4278255490

# Triad

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



4288214282



4278254847



4294930388

# Complementary

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



4288214282



4284943093

# 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.



4294937599



4288214282



4278248959

# Square

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



4288214282



4278255615



4293574143



4294936950

# Rectangle

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



4288214282



4278255557



4293574143



4294931444

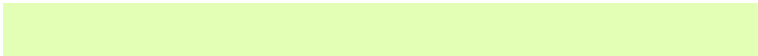


# Sweetspot

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



4288214282



4293066677



4294272010



4285431891



4278190080



4286611584



# Same Dimension

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



4288214282



4288347904



4280677642



4285954670



4285577728



4280498944



# Inverse Universe

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



4284943093



4284809471



4292479733



4285755002



4283039930

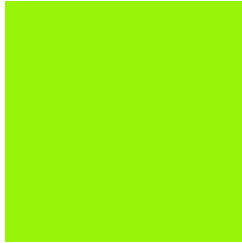


4279697467



# Previews

## White Background



This preview shows how the Android color 4288214282 looks on a white background.

## Color Contrast Check

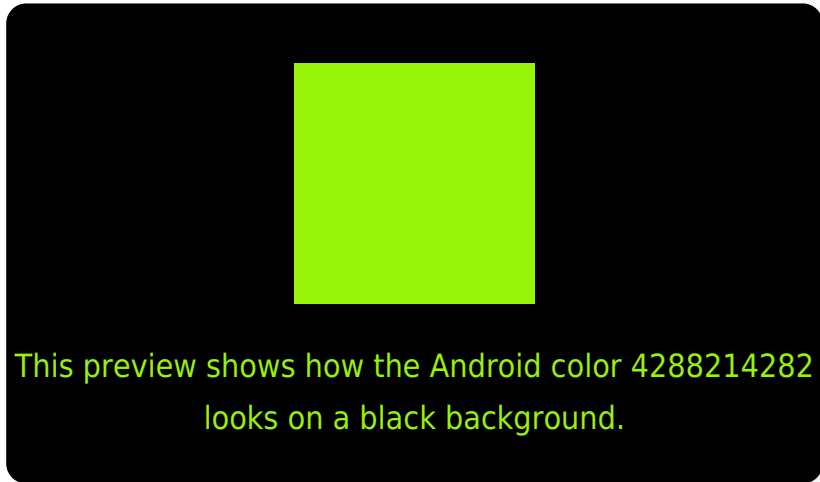
Large Text (above 18pt) WCAG AA × Fail

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

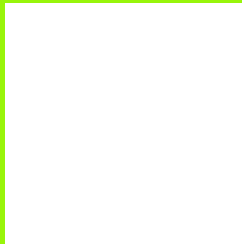
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288214282 Background



This preview shows how black text looks on a background with the Android color 4288214282.

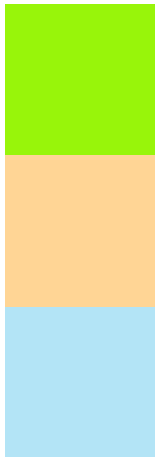


This preview shows how white text looks on a background with the Android color 4288214282.

# 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

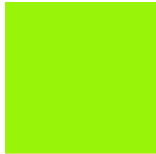


**Original Color**  
4288214282

**Deuteranopia**  
4294956437

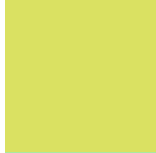
**Tritanopia**  
4289979638

# Trichromacy



**Original Color**

4288214282



**Deuteranomaly**

4292534626



**Tritanomaly**

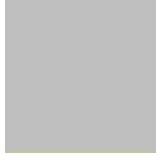
4289325728

# Monochromacy



**Original Color**

4288214282



**Achromatopsia**

4290690750



**Achromatomaly**

4289778301

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288214282 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(152, 245, 10)` looks like.

```
.text, #text, p{  
    color:rgb(152, 245, 10)  
}
```

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(152, 245, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 245, 10) }
```

## Border

The CSS property to change the border of an element to Android 4288214282 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(152, 245, 10) }
```

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

```
.border{ border-color:rgb(152, 245, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 245, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 245, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 245, 10);  
box-shadow:4px 4px 4px 4px rgb(152, 245,  
10) }
```

# Background

The CSS property to change the background color of an element to Android 4288214282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 245, 10) }
```

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

```
.background{ background-color: rgb(152,  
245, 10) }
```

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