

# Converting Colors

Android(4282886151)

Have a look what the booklet for  
Android(4282886151) contains.

<b>Android(4282886151)</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

**Android(4282886151)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47A807
RGB	71, 168, 7
RGB Percent	28%, 66%, 3%
CMY	0.7216, 0.3412, 0.9725
CMYK	0.58, 0.00, 0.96, 0.34
HSL	96°, 92%, 34%
HSV	96°, 96%, 66%
XYZ	16.6395, 29.3602, 4.9911
YIQ	120.6430, -6.1310, -70.6350

# Conversions

## Conversions Part 2

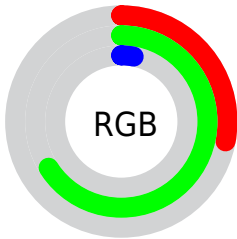
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 168, 104
Decimal	4696071
CIELab	61.10, -52.61, 61.35
CIELCh	61, 80.821, 130.615
Yxy	29.3602, 0.3263, 0.5758
Android (android.graphics.Color)	4282886151 (0xFF47A807)
YUV	120.6430, -56.0260, -43.5369
Hunter-Lab	54.1851, -40.0088, 32.4682

# Details

The Android color `4282886151` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4285007784`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4286767180`, and `4278219520` is the 20% darker color. If you saturate the color by 10%, you get `4282624000`, and if you desaturate by 10%, it is `4283541528`.

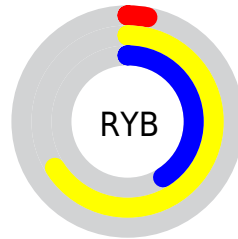
# Distribution



Red (28%)

Green (66%)

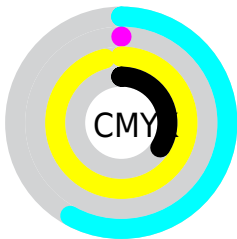
Blue (3%)



Red (3%)

Yellow (66%)

Blue (41%)

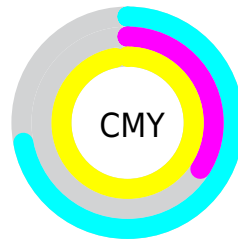


Cyan (58%)

Magenta (0%)

Yellow (96%)

Black (34%)



Cyan (72%)

Magenta (34%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282886151 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 4282886151 by changing the saturation by 10% instead.





4282886151



4282886151

4294967295



4280585472



4286767180



4278219520



4288675176



4278212864



4290641795



4278206720



4292542367



4278201088



4294508476



4278192128



4294967256



4278190080



4294967286



4282886151



4282886151

■ 4282624000

■ 4283541528

■ 4284196905

■ 4284852281

■ 4285507658

■ 4286228571

■ 4286883948

■ 4287539325

■ 4288194701

■ 4288850078

# Harmonies

## Analogous

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



4288387072



4282886151



4278235233

# Triad

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



4282886151



4278233343



4294917245

# Complementary

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



4282886151



4285007784

# 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.



4294593733



4282886151



4278228223

# Square

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



4282886151



4278235632



4290016255



4294925113

# Rectangle

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



4282886151



4278235795



4290016255



4294917013



# Sweetspot

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



4282886151



4290108316



4289226759



4283919943



4293783021



4285427310



# Same Dimension

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



4282886151



4283947776



4278691863



4283389004



4282094592



4278719488



# Inverse Universe

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



4285007784



4286841051



4289202072



4283518036



4284022932

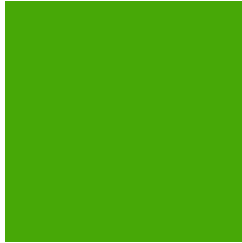


4278976532



# Previews

## White Background



This preview shows how the Android color 4282886151 looks on a white background.

## Color Contrast Check

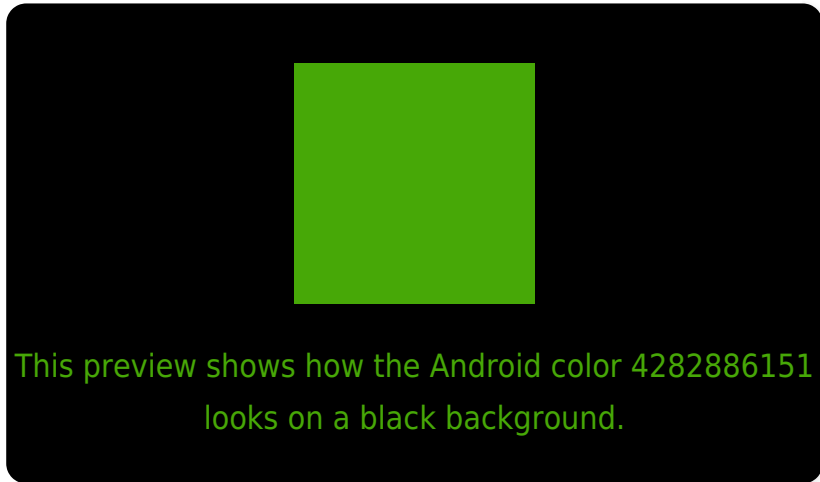
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4282886151 Background



This preview shows how black text looks on a background with the Android color 4282886151.



This preview shows how white text looks on a background with the Android color 4282886151.

# 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





# Trichromacy



**Original Color**  
4282886151

**Protanomaly**  
4286814979

**Deuteranomaly**  
4287600153

**Tritanomaly**  
4283998318

# Monochromacy



**Original Color**  
4282886151

**Achromatopsia**  
4286151033

**Achromatomaly**  
4284975696

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282886151 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(71, 168, 7)` looks like.

```
.text, #text, p{  
    color:rgb(71, 168, 7)  
}
```

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(71, 168, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 168, 7) }
```

## Border

The CSS property to change the border of an element to Android 4282886151 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(71, 168, 7) }
```

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

```
.border{ border-color:rgb(71, 168, 7) }
```

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

Here you see how a box with a 4 pixel rgb(71, 168, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 168, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 168, 7);  
box-shadow:4px 4px 4px 4px rgb(71, 168, 7)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282886151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 168, 7) }
```

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

```
.background{ background-color: rgb(71, 168,  
7) }
```

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