

# Converting Colors

Android(4285266250)

Have a look what the booklet for  
Android(4285266250) contains.

<b>Android(4285266250)</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(4285266250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BF94A
RGB	107, 249, 74
RGB Percent	42%, 98%, 29%
CMY	0.5804, 0.0235, 0.7098
CMYK	0.57, 0.00, 0.70, 0.02
HSL	109°, 94%, 63%
HSV	109°, 70%, 98%
XYZ	41.1751, 71.3716, 18.0845
YIQ	186.5920, -28.4570, -84.5290

# Conversions

## Conversions Part 2

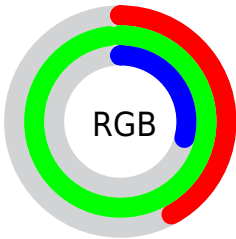
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 249, 216
Decimal	7076170
CIELab	87.67, -68.50, 68.80
CIELCh	88, 97.086, 134.878
Yxy	71.3716, 0.3152, 0.5464
Android (android.graphics.Color)	4285266250 (0xFF6BF94A)
YUV	186.5920, -55.5079, -69.8022
Hunter-Lab	84.4817, -60.8447, 46.4453

# Details

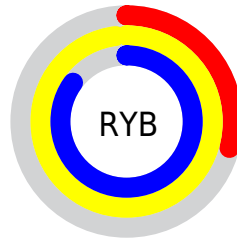
The Android color `4285266250` is a dark color, and the websafe version is hex `66FF66`. The color can be described as middle washed chartreuse. A complement of this color would be `4292365049`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4289396611`, and `4279746304` is the 20% darker color. If you saturate the color by 10%, you get `4283955505`, and if you desaturate by 10%, it is `4286576995`.

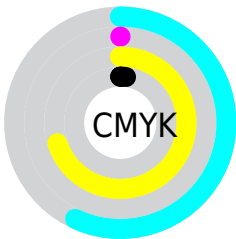
# Distribution



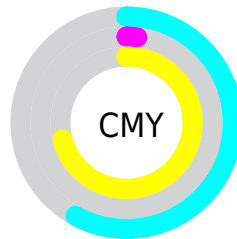
- Red (42%)
- Green (98%)
- Blue (29%)



- Red (29%)
- Yellow (98%)
- Blue (85%)



- Cyan (57%)
- Magenta (0%)
- Yellow (70%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285266250 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 4285266250 by changing the saturation by 10% instead.



 4285266250

 4285266250

4294967295

 4282965034

 4289396611

 4279746304

 4291428256

 4278231808

 4293459901

 4278224896

 4294967258

 4278217984

 4294967287

 4278211328

 4278205184

 4278198784

 4278190080

 4285266250

 4285266250

 4283955505

 4286576995

 4282644760

 4287887740

 4281334016

 4289264021

 4290574766

 4291885510

 4293196255

 4294507000

 4294965759

# Harmonies

## Analogous

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



4292601344



4285266250



4278255528

# Triad

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



4285266250



4278252799



4294933170

# Complementary

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



4285266250



4292365049

# 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.



4294935295



4285266250



4284536831

# Square

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



4285266250



4278255615



4294946303



4294942043

# Rectangle

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



4285266250



4278255593



4294946303



4294932433

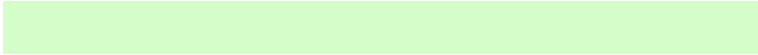


# Sweetspot

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



4285266250



4292149193



4294563402



4284907616



4278190080



4286611584



# Same Dimension

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



4285266250



4283563817



4283103615



4285758832



4280597760



4278992128



# Inverse Universe

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



4292365049



4292291071



4294527685



4286279805



4288217277

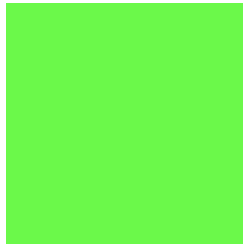


4281466941



# Previews

## White Background



This preview shows how the Android color 4285266250 looks on a white background.

## Color Contrast Check

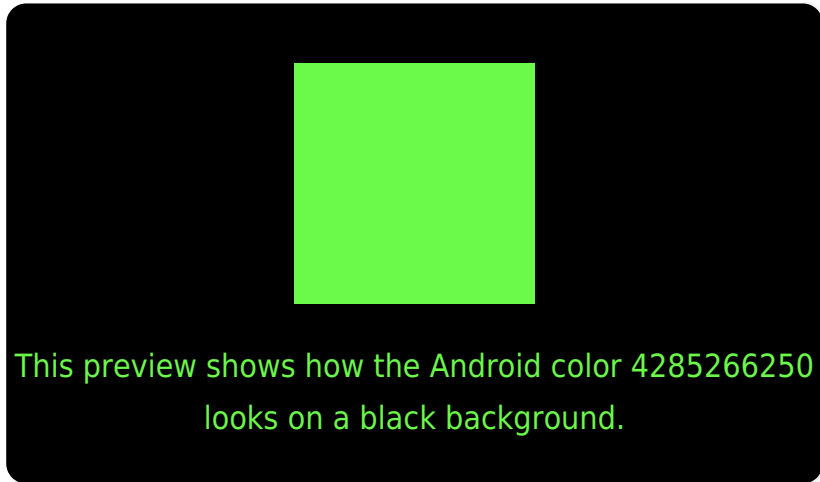
Large Text (above 18pt) WCAG AA × Fail

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 4285266250 Background



This preview shows how black text looks on a background with the Android color 4285266250.

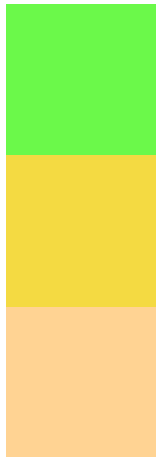


This preview shows how white text looks on a background with the Android color 4285266250.

# 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**  
4285266250

**Protanopia**  
4294236738

**Deuteranopia**  
4294955923



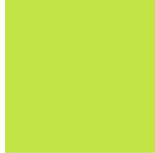
**Tritanopia**  
4287621627

# Trichromacy



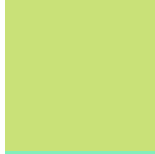
**Original Color**

4285266250



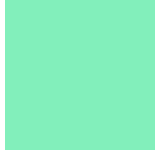
**Protanomaly**

4290962757



**Deuteranomaly**

4291420536



**Tritanomaly**

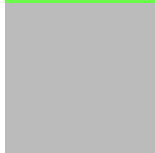
4286771131

# Monochromacy



**Original Color**

4285266250



**Achromatopsia**

4290493371



**Achromatomaly**

4288598674

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285266250 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(107, 249, 74)` looks like.

```
.text, #text, p{  
    color:rgb(107, 249, 74)  
}
```

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(107, 249, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 249, 74) }
```

## Border

The CSS property to change the border of an element to Android 4285266250 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(107, 249, 74) }
```

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

```
.border{ border-color:rgb(107, 249, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 249, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 249, 74); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 249, 74); box-shadow:4px 4px 4px 4px rgb(107, 249, 74) }
```

# Background

The CSS property to change the background color of an element to Android 4285266250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 249, 74) }
```

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

```
.background{ background-color: rgb(107,  
249, 74) }
```

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