

# Converting Colors

Android(4282376721)

Have a look what the booklet for  
Android(4282376721) contains.

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# **Color**

**Android(4282376721)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FE211
RGB	63, 226, 17
RGB Percent	25%, 89%, 7%
CMY	0.7529, 0.1137, 0.9333
CMYK	0.72, 0.00, 0.92, 0.11
HSL	107°, 86%, 48%
HSV	107°, 92%, 89%
XYZ	29.3474, 55.4899, 9.6942
YIQ	153.4370, -30.0590, -99.5550

# Conversions

## Conversions Part 2

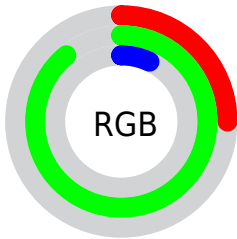
Format	Color
<a href="#">RYB</a>	<a href="#">17, 226, 180</a>
Decimal	<a href="#">4186641</a>
CIELab	<a href="#">79.32, -72.93, 75.04</a>
CIELCh	<a href="#">79, 104.642, 134.181</a>
Yxy	<a href="#">55.4899, 0.3105, 0.5870</a>
Android (android.graphics.Color)	<a href="#">4282376721 (0xFF3FE211)</a>
YUV	<a href="#">153.4370, -67.2634, -79.3132</a>
Hunter-Lab	<a href="#">74.4916, -60.0366, 44.4282</a>

# Details

The Android color `4282376721` is a dark color, and the websafe version is hex `00CC00`. The color can be described as dark washed green. A complement of this color would be `4289991138`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4287102811`, and `4278233344` is the 20% darker color. If you saturate the color by 10%, you get `4281524736`, and if you desaturate by 10%, it is `4283556392`.

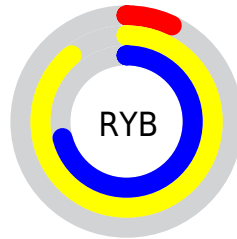
# Distribution



Red (25%)

Green (89%)

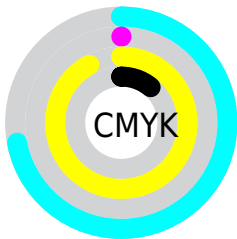
Blue (7%)



Red (7%)

Yellow (89%)

Blue (71%)

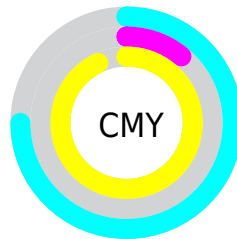


Cyan (72%)

Magenta (0%)

Yellow (92%)

Black (11%)



Cyan (75%)

Magenta (11%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282376721 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 4282376721 by changing the saturation by 10% instead.



 4282376721

 4282376721

4294967295

 4278240512

 4287102811

 4278233344

 4289199992

 4278226176

 4291231638

 4278219520

 4293328819

 4278212608

 4294967248

 4278206464


 4294967278

 4278199808

 4278190080

 4282376721

 4282376721

 4281524736

 4283556392

 4284670526

 4285850197

 4287029867

 4288144002

 4289323673

 4290437807

 4291617478

 4292797148

# Harmonies

## Analogous

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



4290957056



4282376721



4278250635

# Triad

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



4282376721



4278247423



4294920347

# Complementary

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



4282376721



4289991138

# 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.



4294924284



4282376721



4278239743

# Square

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



4282376721



4278250751



4294939135



4294933564

# Rectangle

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



4282376721



4278251216



4294939135



4294918843

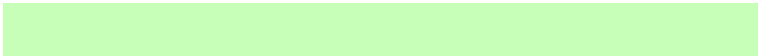


# Sweetspot

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



4282376721



4291297208



4293046545



4284383316



4278190080



4286611584



# Same Dimension

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



4282376721



4281925376



4279362121



4284969061



4280791040



4278923264



# Inverse Universe

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



4289991138



4291231999



4293005738



4285425008



4287168688

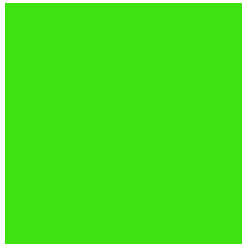


4280680496



# Previews

## White Background



This preview shows how the Android color 4282376721 looks on a white background.

## Color Contrast Check

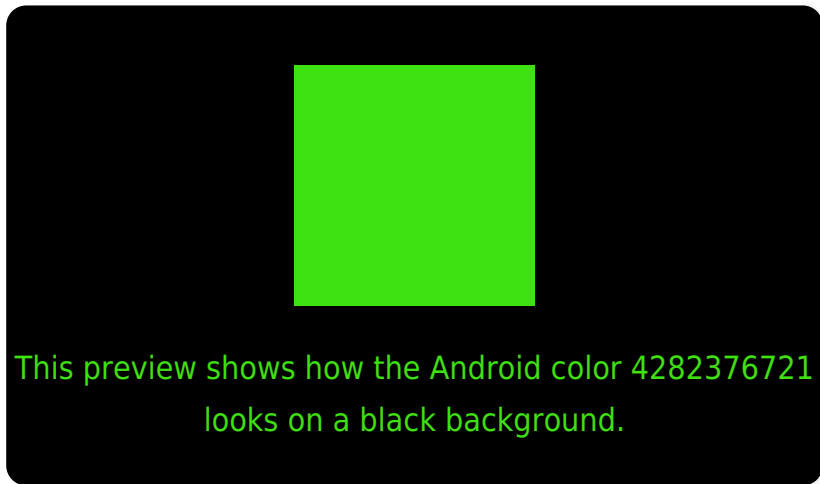
Large Text (above 18pt) WCAG AA × Fail

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 4282376721 Background



This preview shows how black text looks on a background with the Android color 4282376721.



This preview shows how white text looks on a background with the Android color 4282376721.

# 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



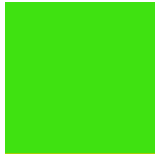
**Original Color**  
4282376721

**Protanopia**  
4292657920

**Deuteranopia**  
4294293810



# Trichromacy



**Original Color**

4282376721



**Protanomaly**

4288925190



**Deuteranomaly**

4289972262



**Tritanomaly**

4284405911

# Monochromacy



**Original Color**

4282376721



**Achromatopsia**

4288256409



**Achromatomaly**

4286100584

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282376721 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(63, 226, 17)` looks like.

```
.text, #text, p{  
    color:rgb(63, 226, 17)  
}
```

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(63, 226, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 226, 17) }
```

## Border

The CSS property to change the border of an element to Android 4282376721 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(63, 226, 17) }
```

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

```
.border{ border-color:rgb(63, 226, 17) }
```

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

Here you see how a box with a 4 pixel rgb(63, 226, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 226, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 226, 17);  
box-shadow:4px 4px 4px 4px rgb(63, 226,  
17) }
```

# Background

The CSS property to change the background color of an element to Android 4282376721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 226, 17) }
```

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

```
.background{ background-color: rgb(63, 226,  
17) }
```

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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