

# Converting Colors

Android(4286436701)

Have a look what the booklet for  
Android(4286436701) contains.

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# **Color**

**Android(4286436701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DD55D
RGB	125, 213, 93
RGB Percent	49%, 84%, 36%
CMY	0.5098, 0.1647, 0.6353
CMYK	0.41, 0.00, 0.56, 0.16
HSL	104°, 59%, 60%
HSV	104°, 56%, 84%
XYZ	34.2275, 52.7388, 18.7316
YIQ	173.0080, -13.9280, -55.9760

# Conversions

## Conversions Part 2

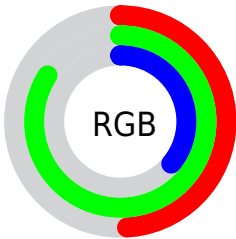
Format	Color
<a href="#">RYB</a>	<a href="#">93, 213, 181</a>
Decimal	<a href="#">8246621</a>
CIELab	<a href="#">77.72, -48.24, 50.35</a>
CIELCh	<a href="#">78, 69.734, 133.773</a>
Yxy	<a href="#">52.7388, 0.3238, 0.4990</a>
Android (android.graphics.Color)	<a href="#">4286436701</a> ( <a href="#">0xFF7DD55D</a> )
YUV	<a href="#">173.0080, -39.4439, -42.1030</a>
Hunter-Lab	<a href="#">72.6215, -42.9581, 35.5421</a>

# Details

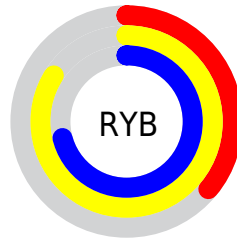
The Android color `4286436701` is a dark color, and the websafe version is hex `66CC66`. The color can be described as middle muted chartreuse. A complement of this color would be `4290076117`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4290183058`, and `4282687016` is the 20% darker color. If you saturate the color by 10%, you get `4285388104`, and if you desaturate by 10%, it is `4287485298`.

# Distribution



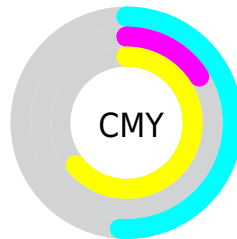
- Red (49%)
- Green (84%)
- Blue (36%)



- Red (36%)
- Yellow (84%)
- Blue (71%)



- Cyan (41%)
- Magenta (0%)
- Yellow (56%)
- Black (16%)



- Cyan (51%)
- Magenta (16%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286436701 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 4286436701 by changing the saturation by 10% instead.





4286436701



4286436701

4294967295



4284594499



4290183058



4282687016



4292083630



4280517381



4294049738



4278216960



4294967271



4278210560



4278204416



4278198784



4278190080



4286436701



4286436701

 4285388104

 4287485298

 4284405042

 4288468360


 4283356445

 4289516957

 4282373384

 4290500018

 4281980160

 4291548616

 4292597213

 4293580274

 4294628863

 4294956543

# Harmonies

## Analogous

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



4291216949



4286436701



4278246810

# Triad

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



4286436701



4278243839



4294935973

# Complementary

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



4286436701



4290076117

# 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.



4294937318



4286436701



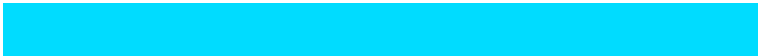
4286430719

# Square

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



4286436701



4278246655



4293567231



4294940265

# Rectangle

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



4286436701



4278247367



4293567231



4294935483

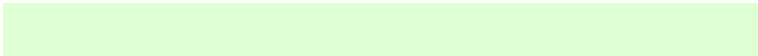


# Sweetspot

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



4286436701



4292870100



4292195677



4285366374



4278190080



4286611584



# Same Dimension

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



4286436701



4286644050



4284339577



4284705632



4281248512



4278987520



# Inverse Universe

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



4290076117



4291908351



4292173241



4285030507



4286382251



4280287275



# Previews

## White Background



This preview shows how the Android color 4286436701 looks on a white background.

## Color Contrast Check

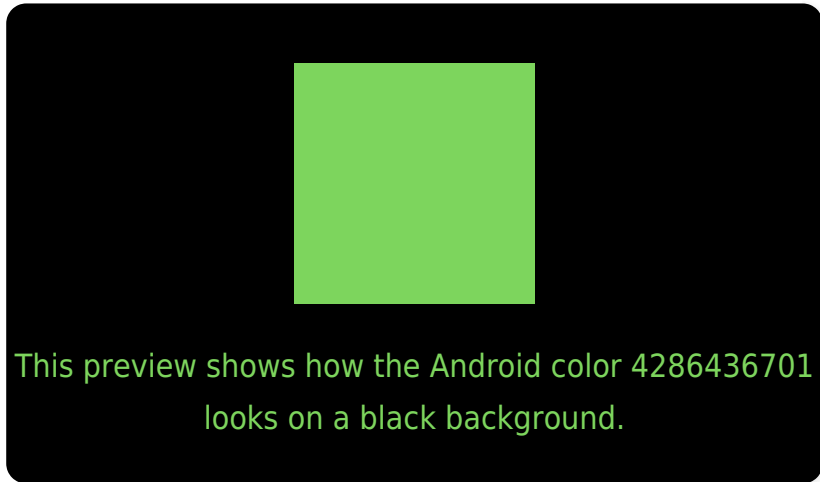
Large Text (above 18pt) WCAG AA × Fail

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 4286436701 Background



This preview shows how black text looks on a background with the Android color 4286436701.



This preview shows how white text looks on a background with the Android color 4286436701.

# 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**

4286436701



**Protanomaly**

4290037593



**Deuteranomaly**

4290953570



**Tritanomaly**

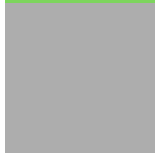
4287286699

# Monochromacy



**Original Color**

4286436701



**Achromatopsia**

4289572269



**Achromatomaly**

4288461968

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286436701 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(125, 213, 93)` looks like.

```
.text, #text, p{  
    color:rgb(125, 213, 93)  
}
```

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(125, 213, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 213, 93) }
```

## Border

The CSS property to change the border of an element to Android 4286436701 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(125, 213, 93) }
```

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

```
.border{ border-color:rgb(125, 213, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 213, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 213, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 213, 93);  
box-shadow:4px 4px 4px 4px rgb(125, 213,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4286436701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 213, 93) }
```

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

```
.background{ background-color: rgb(125,  
213, 93) }
```

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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