

# Converting Colors

Android(4286701680)

Have a look what the booklet for  
Android(4286701680) contains.

<b>Android(4286701680)</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> .....	29

# Color

**Android(4286701680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81E070
RGB	129, 224, 112
RGB Percent	51%, 88%, 44%
CMY	0.4941, 0.1216, 0.5608
CMYK	0.42, 0.00, 0.50, 0.12
HSL	111°, 64%, 66%
HSV	111°, 50%, 88%
XYZ	38.6335, 59.1483, 24.7098
YIQ	182.8270, -20.6680, -54.9720

# Conversions

## Conversions Part 2

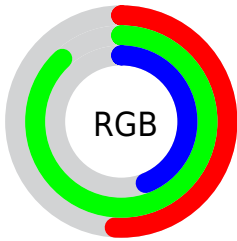
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 224, 207
Decimal	8511600
CIELab	81.37, -49.33, 45.89
CIELCh	81, 67.378, 137.070
Yxy	59.1483, 0.3154, 0.4829
Android (android.graphics.Color)	4286701680 (0xFF81E070)
YUV	182.8270, -34.9177, -47.2063
Hunter-Lab	76.9079, -44.9221, 34.7862

# Details

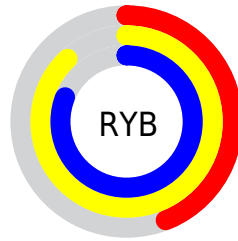
The Android color `4286701680` is a light color, and the websafe version is hex `66CC66`. A complement of this color would be `4291784928`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4290445222`, and `4282886204` is the 20% darker color. If you saturate the color by 10%, you get `4285456474`, and if you desaturate by 10%, it is `4287946886`.

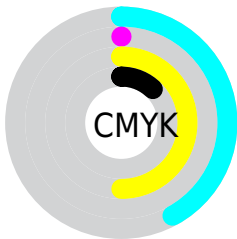
# Distribution



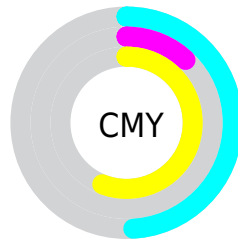
- Red (51%)
- Green (88%)
- Blue (44%)



- Red (44%)
- Yellow (88%)
- Blue (81%)



- Cyan (42%)
- Magenta (0%)
- Yellow (50%)
- Black (12%)



- Cyan (49%)
- Magenta (12%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286701680 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 4286701680 by changing the saturation by 10% instead.



 4286701680

 4286701680

4294967295

 4284859478

 4290445222

 4282886204

 4292411330

 4280782114

 4294311902

 4278219520

 4294967291

 4278212864

 4278206720

 4278201088

 4278192384

 4278190080

 4286701680

 4286701680

 4285456474


 4287946886


 4284211267

 4289192093

 4282966061

 4290437299

 4281720854

 4291682506

 4280475648

 4292927712

 4294172918

 4294959359

# Harmonies

## Analogous

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



4291482185



4286701680



4278249388

# Triad

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



4286701680



4278245887



4294939561

# Complementary

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



4286701680



4291784928

# 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.



4294940136



4286701680



4288464127

# Square

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



4286701680



4278248959



4294748927



4294944112

# Rectangle

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



4286701680



4278249944



4294748927



4294939070

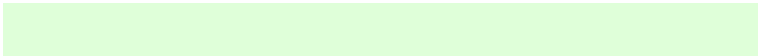


# Sweetspot

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



4286701680



4292870105



4292922736



4285300841



4278190080



4286611584



# Same Dimension

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



4286701680



4286447462



4285587605



4284969061



4280004608



4278661120



# Inverse Universe

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



4291784928



4293420799



4292899003



4285425008



4287955120



4280877104



# Previews

## White Background



This preview shows how the Android color 4286701680 looks on a white background.

## Color Contrast Check

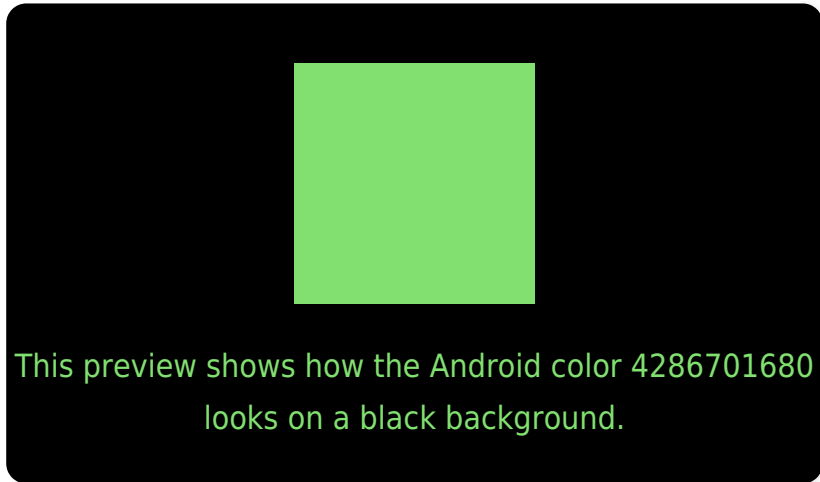
Large Text (above 18pt) WCAG AA × Fail

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 4286701680 Background



This preview shows how black text looks on a background with the Android color 4286701680.

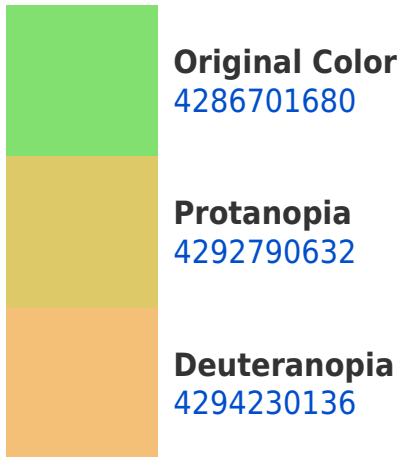


This preview shows how white text looks on a background with the Android color 4286701680.

# 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**

4286701680



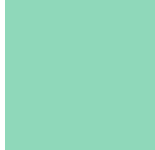
**Protanomaly**

4290564459



**Deuteranomaly**

4291480693



**Tritanomaly**

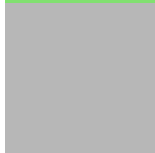
4287617210

# Monochromacy



**Original Color**

4286701680



**Achromatopsia**

4290230199



**Achromatomaly**

4288923293

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286701680 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(129, 224, 112)` looks like.

```
.text, #text, p{  
    color:rgb(129, 224, 112)  
}
```

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(129, 224, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 224, 112) }
```

## Border

The CSS property to change the border of an element to Android 4286701680 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(129, 224, 112) }
```

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

```
.border{ border-color:rgb(129, 224, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 224, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 224, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 224, 112);  
box-shadow:4px 4px 4px 4px rgb(129, 224,  
112) }
```

# Background

The CSS property to change the background color of an element to Android 4286701680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 224, 112) }
```

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

```
.background{ background-color: rgb(129,  
224, 112) }
```

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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