

# Converting Colors

Android(4286304649)

Have a look what the booklet for  
Android(4286304649) contains.

|  |    |
|--|----|
| <b>Android(4286304649)</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(4286304649)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7BD189                       |
| RGB         | 123, 209, 137                |
| RGB Percent | 48%, 82%, 54%                |
| CMY         | 0.5176, 0.1804, 0.4627       |
| CMYK        | 0.41, 0.00, 0.34, 0.18       |
| HSL         | 130°, 48%, 65%               |
| HSV         | 130°, 41%, 82%               |
| XYZ         | 35.4842, 51.6180, 31.7600    |
| YIQ         | 175.0780, -28.1440, -40.6240 |

# Conversions

## Conversions Part 2

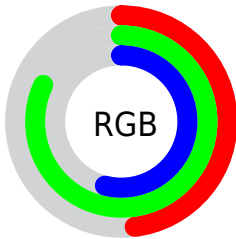
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 123, 197, 209                   |
| Decimal                             | 8114569                         |
| CIELab                              | 77.05, -41.06, 27.80            |
| CIElCh                              | 77, 49.582, 145.903             |
| Yxy                                 | 51.6180, 0.2985,<br>0.4343      |
| Android<br>(android.graphics.Color) | 4286304649<br>(0xFF7BD189)      |
| YUV                                 | 175.0780, -18.7725,<br>-45.6724 |
| Hunter-Lab                          | 71.8457, -37.5698,<br>24.0823   |

# Details

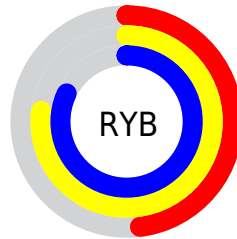
The Android color `4286304649` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4291918787`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4289986495`, and `4282686038` is the 20% darker color. If you saturate the color by 10%, you get `4284928376`, and if you desaturate by 10%, it is `4287680922`.

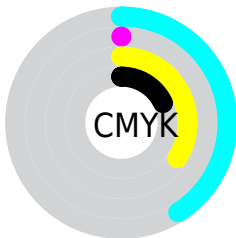
# Distribution



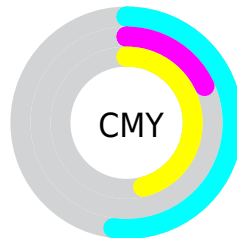
- Red (48%)
- Green (82%)
- Blue (54%)



- Red (48%)
- Yellow (77%)
- Blue (82%)



- Cyan (41%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)



- Cyan (52%)
- Magenta (18%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286304649 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 4286304649 by changing the saturation by 10% instead.





4286304649



4286304649

4294967295



4284527983



4289986495



4282686038



4291821531



4280713022



4293787640



4278216231



4278209808



4278203648



4278198272



4278190080



4286304649



4286304649

 4284928376

 4287680922

 4283552102

 4289057196

 4282175829

 4290433469

 4280799555

 4291809743

 4279423282

 4293186016

 4278243618

 4294496754

 4294955519

# Harmonies

## Analogous

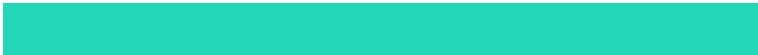
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289906793



4286304649



4280473270

# Triad

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



4286304649



4284794367



4294941849

# Complementary

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



4286304649



4291918787

# 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.



4294941126



4286304649



4290360831

# Square

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



4286304649



4278243583



4294092018



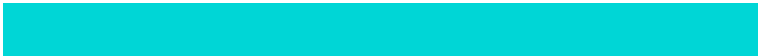
4294945139

# Rectangle

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



4286304649



4278245078



4294092018



4294941095

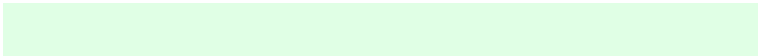


# Sweetspot

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



4286304649



4292935653



4291088763



4285431921



4278190080



4286611584



# Same Dimension

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



4286304649



4286775190



4286304691



4284377440



4278233115



4278200583



# Inverse Universe

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



4291918787



4294935275



4291918745



4285095527



4289200269



4280877090



# Previews

## White Background



This preview shows how the Android color 4286304649 looks on a white background.

## Color Contrast Check

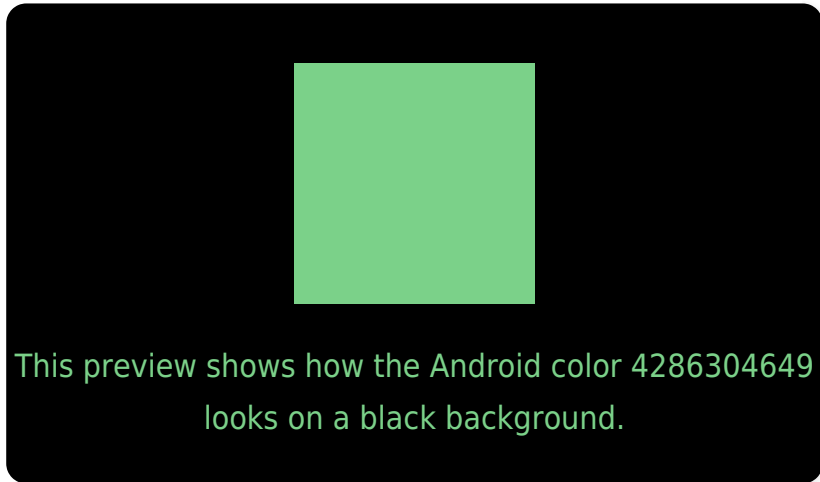
Large Text (above 18pt) WCAG AA × Fail

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

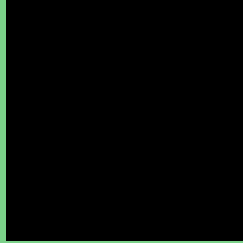
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4286304649 Background



This preview shows how black text looks on a background with the Android color 4286304649.



This preview shows how white text looks on a background with the Android color 4286304649.

# 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**

4286304649



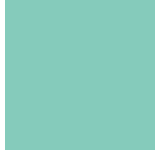
**Protanomaly**

4289709188



**Deuteranomaly**

4290494349



**Tritanomaly**

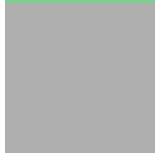
4286958523

# Monochromacy



**Original Color**

4286304649



**Achromatopsia**

4289703855



**Achromatomaly**

4288461729

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286304649 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(123, 209, 137)` looks like.

```
.text, #text, p{  
    color:rgb(123, 209, 137)  
}
```

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(123, 209, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 209, 137) }
```

## Border

The CSS property to change the border of an element to Android 4286304649 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(123, 209, 137) }
```

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

```
.border{ border-color:rgb(123, 209, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 209, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 209, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 209, 137); box-shadow:4px 4px 4px 4px rgb(123, 209, 137) }
```

# Background

The CSS property to change the background color of an element to Android 4286304649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 209, 137) }
```

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

```
.background{ background-color: rgb(123,  
209, 137) }
```

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