

# Converting Colors

Android(4286174835)

Have a look what the booklet for  
Android(4286174835) contains.

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# **Color**

**Android(4286174835)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79D673
RGB	121, 214, 115
RGB Percent	47%, 84%, 45%
CMY	0.5255, 0.1608, 0.5490
CMYK	0.43, 0.00, 0.46, 0.16
HSL	116°, 55%, 65%
HSV	116°, 46%, 84%
XYZ	35.0262, 53.3959, 24.6800
YIQ	174.9070, -23.6490, -50.5050

# Conversions

## Conversions Part 2

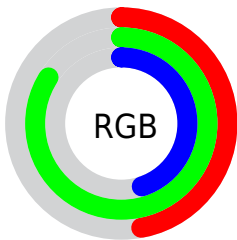
Format	Color
<a href="#">RYB</a>	<a href="#">115, 214, 208</a>
Decimal	<a href="#">7984755</a>
CIELab	<a href="#">78.11, -47.17, 40.31</a>
CIElCh	<a href="#">78, 62.046, 139.481</a>
Yxy	<a href="#">53.3959, 0.3097, 0.4721</a>
Android (android.graphics.Color)	<a href="#">4286174835</a> ( <a href="#">0xFF79D673</a> )
YUV	<a href="#">174.9070, -29.5342, -47.2764</a>
Hunter-Lab	<a href="#">73.0725, -42.3155, 31.1257</a>

# Details

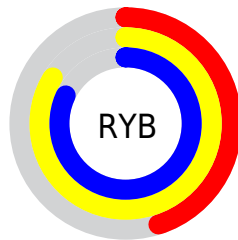
The Android color `4286174835` is a light color, and the websafe version is hex `66CC66`. A complement of this color would be `4291851222`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4289920936`, and `4282424896` is the 20% darker color. If you saturate the color by 10%, you get `4284864094`, and if you desaturate by 10%, it is `4287485576`.

# Distribution



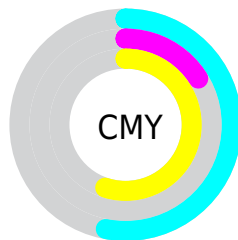
- Red (47%)
- Green (84%)
- Blue (45%)



- Red (45%)
- Yellow (84%)
- Blue (82%)



- Cyan (43%)
- Magenta (0%)
- Yellow (46%)
- Black (16%)



- Cyan (53%)
- Magenta (16%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286174835 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 4286174835 by changing the saturation by 10% instead.





4286174835



4286174835

4294967295



4284332633



4289920936



4282424896



4291821508



4280255527



4293722080



4278217227

4294967293



4278210816



4278204672



4278199040



4278190080



4286174835



4286174835

■ 4284864094

■ 4287485576

■ 4283553352

■ 4288796318

■ 4282242611

■ 4290107059

■ 4280931869

■ 4291417801

■ 4279555592

■ 4292794078

■ 4279096832

■ 4294104819

■ 4294956799

# Harmonies

## Analogous

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



4290628174



4286174835



4278246826

# Triad

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



4286174835



4278242815



4294939038

# Complementary

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



4286174835



4291851222

# 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.



4294939096



4286174835



4288789247

# Square

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



4286174835



4278245887



4294222847



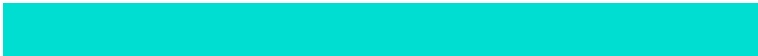
4294943083

# Rectangle

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



4286174835



4278247122



4294222847



4294938289

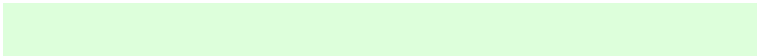


# Sweetspot

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



4286174835



4292739035



4292267891



4285235306



4278190080



4286611584



# Same Dimension

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



4286174835



4286185328



4285781662



4284574560



4278889216



4278397696



# Inverse Universe

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



4291851222



4294340863



4292244395



4285161579



4288676011



4280877099



# Previews

## White Background



This preview shows how the Android color 4286174835 looks on a white background.

## Color Contrast Check

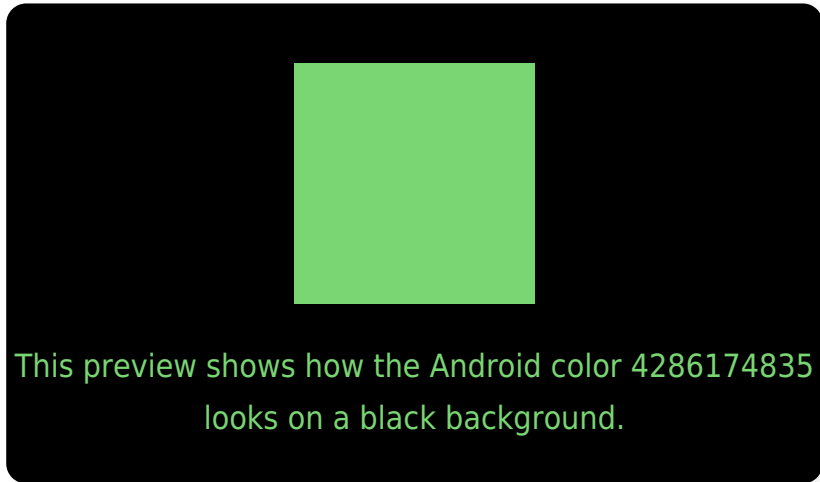
Large Text (above 18pt) WCAG AA × Fail

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

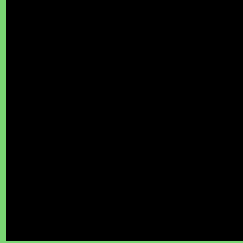
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4286174835 Background



This preview shows how black text looks on a background with the Android color 4286174835.

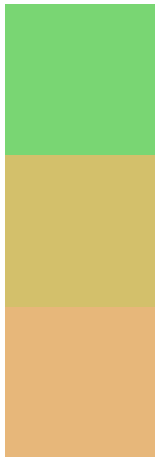


This preview shows how white text looks on a background with the Android color 4286174835.

# 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**  
4286174835

**Protanopia**  
4292067435

**Deuteranopia**  
4293375866

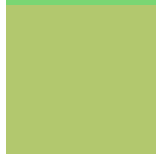


# Trichromacy



**Original Color**

4286174835



**Protanomaly**

4289906798



**Deuteranomaly**

4290757239



**Tritanomaly**

4287024821

# Monochromacy



**Original Color**

4286174835



**Achromatopsia**

4289703855



**Achromatomaly**

4288396697

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286174835 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(121, 214, 115)` looks like.

```
.text, #text, p{  
    color:rgb(121, 214, 115)  
}
```

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(121, 214, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 214, 115) }
```

## Border

The CSS property to change the border of an element to Android 4286174835 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(121, 214, 115) }
```

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

```
.border{ border-color:rgb(121, 214, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 214, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 214, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 214, 115);  
box-shadow:4px 4px 4px 4px rgb(121, 214,  
115) }
```

# Background

The CSS property to change the background color of an element to Android 4286174835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 214, 115) }
```

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

```
.background{ background-color: rgb(121,  
214, 115) }
```

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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