

# Converting Colors

Android(4286041734)

Have a look what the booklet for  
Android(4286041734) contains.

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# **Color**

**Android(4286041734)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 77CE86                       |
| RGB         | 119, 206, 134                |
| RGB Percent | 47%, 81%, 53%                |
| CMY         | 0.5333, 0.1922, 0.4745       |
| CMYK        | 0.42, 0.00, 0.35, 0.19       |
| HSL         | 130°, 47%, 64%               |
| HSV         | 130°, 42%, 81%               |
| XYZ         | 33.9821, 49.7858, 30.3728    |
| YIQ         | 171.7790, -28.7400, -40.8360 |

# Conversions

## Conversions Part 2

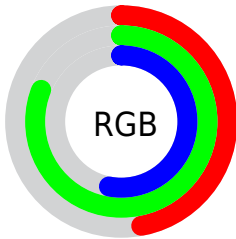
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 119, 193, 206                   |
| Decimal                             | 7851654                         |
| CIELab                              | 75.94, -41.41, 27.83            |
| CIELCh                              | 76, 49.894, 146.092             |
| Yxy                                 | 49.7858, 0.2977,<br>0.4362      |
| Android<br>(android.graphics.Color) | 4286041734<br>(0xFF77CE86)      |
| YUV                                 | 171.7790, -18.6250,<br>-46.2872 |
| Hunter-Lab                          | 70.5590, -37.5105,<br>23.8694   |

# Details

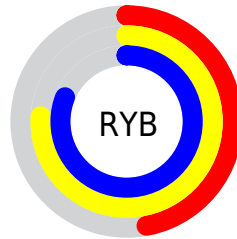
The Android color `4286041734` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4291721151`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4289724348`, and `4282423124` is the 20% darker color. If you saturate the color by 10%, you get `4284665461`, and if you desaturate by 10%, it is `4287418007`.

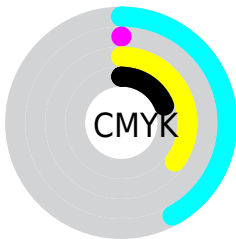
# Distribution



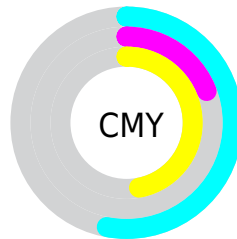
- Red (47%)
- Green (81%)
- Blue (53%)



- Red (47%)
- Yellow (76%)
- Blue (81%)



- Cyan (42%)
- Magenta (0%)
- Yellow (35%)
- Black (19%)



- Cyan (53%)
- Magenta (19%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286041734 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 4286041734 by changing the saturation by 10% instead.



 4286041734


 4286041734

4294967295

 4284265068

 4289724348

 4282423124

 4291559384

 4280384828

 4293459956

 4278215461

 4278209037

 4278203136

 4278197504

 4278190080

 4286041734


 4286041734

 4284665461

 4287418007

 4283354724

 4288728744

 4281978451

 4290105017

 4280667714

 4291415754

 4279291441

 4292792027

 4278242852

 4294168300

 4294954749

 4294954751

# Harmonies

## Analogous

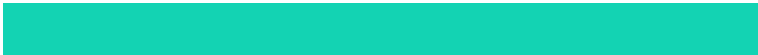
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289709414



4286041734



4279489459

# Triad

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



4286041734



4284531455



4294940821

# Complementary

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



4286041734



4291721151

# 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.



4294940355



4286041734



4290163199

# Square

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



4286041734



4278242815



4293894383



4294944368

# Rectangle

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



4286041734



4278244307



4293894383



4294940324

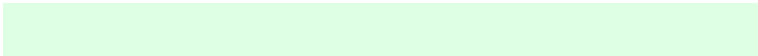


# Sweetspot

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



4286041734



4292804580



4290825847



4285235311



4278190080



4286611584



# Same Dimension

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



4286041734



4286447507



4286041777



4284245598



4278232605



4278199815



# Inverse Universe

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



4291721151



4294933993



4291721108



4284898404



4289069193



4280680480



# Previews

## White Background



This preview shows how the Android color 4286041734 looks on a white background.

## Color Contrast Check

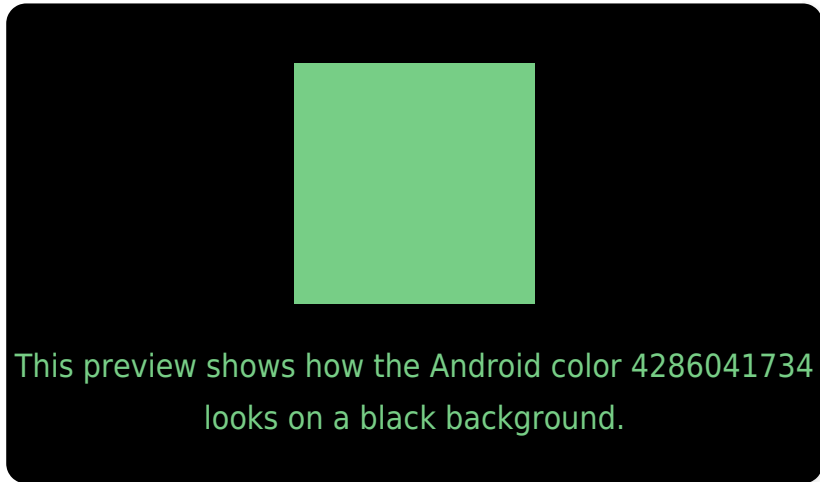
Large Text (above 18pt) WCAG AA × Fail

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 4286041734 Background



This preview shows how black text looks on a background with the Android color 4286041734.



This preview shows how white text looks on a background with the Android color 4286041734.

# 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**  
4286041734

**Protanopia**  
4291476094

**Deuteranopia**  
4292588172



# Trichromacy



**Original Color**

4286041734



**Protanomaly**

4289511809



**Deuteranomaly**

4290231434



**Tritanomaly**

4286761144

# Monochromacy



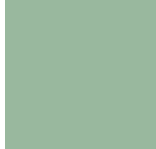
**Original Color**

4286041734



**Achromatopsia**

4289506476



**Achromatomaly**

4288264350

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286041734 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(119, 206, 134)` looks like.

```
.text, #text, p{  
    color:rgb(119, 206, 134)  
}
```

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(119, 206, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 206, 134) }
```

## Border

The CSS property to change the border of an element to Android 4286041734 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(119, 206, 134) }
```

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

```
.border{ border-color:rgb(119, 206, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 206, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 206, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 206, 134); box-shadow:4px 4px 4px 4px rgb(119, 206, 134) }
```

# Background

The CSS property to change the background color of an element to Android 4286041734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 206, 134) }
```

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

```
.background{ background-color: rgb(119,  
206, 134) }
```

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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