

# Converting Colors

Android(4286499972)

Have a look what the booklet for  
Android(4286499972) contains.

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# **Color**

**Android(4286499972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7ECC84
RGB	126, 204, 132
RGB Percent	49%, 80%, 52%
CMY	0.5059, 0.2000, 0.4824
CMYK	0.38, 0.00, 0.35, 0.20
HSL	125°, 43%, 65%
HSV	125°, 38%, 80%
XYZ	34.3619, 49.2873, 29.5321
YIQ	172.4700, -23.3760, -38.9280

# Conversions

## Conversions Part 2

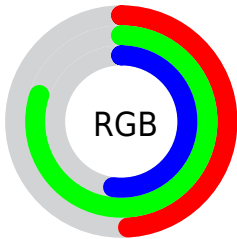
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 198, 204
Decimal	8309892
CIELab	75.63, -38.76, 28.52
CIElCh	76, 48.126, 143.657
Yxy	49.2873, 0.3036, 0.4355
Android (android.graphics.Color)	4286499972 (0xFF7ECC84)
YUV	172.4700, -19.9517, -40.7542
Hunter-Lab	70.2049, -35.4915, 24.2027

# Details

The Android color `4286499972` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4291591878`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4290117562`, and `4282946898` is the 20% darker color. If you saturate the color by 10%, you get `4285189233`, and if you desaturate by 10%, it is `4287810711`.

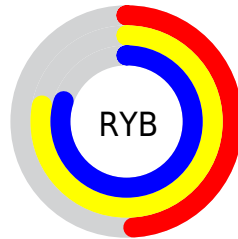
# Distribution



Red (49%)

Green (80%)

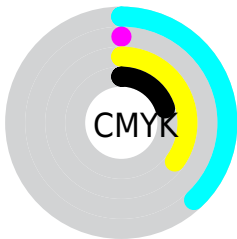
Blue (52%)



Red (49%)

Yellow (78%)

Blue (80%)

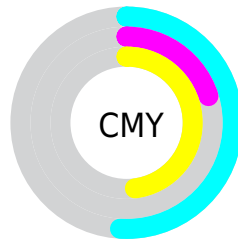


Cyan (38%)

Magenta (0%)

Yellow (35%)

Black (20%)



Cyan (51%)

Magenta (20%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286499972 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 4286499972 by changing the saturation by 10% instead.





4286499972



4286499972

4294967295



4284723306



4290117562



4282946898



4292018134



4281105210



4293918706



4278739491



4278208779



4278202624



4278197248



4278190080



4286499972



4286499972

 4285189233


 4287810711

 4283812958

 4289186986

 4282502220

 4290497724

 4281125945

 4291873999

 4279815206

 4293184738

 4278504467

 4294495477

 4278242320

 4294954239

# Harmonies

## Analogous

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



4289970791



4286499972



4281520559

# Triad

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



4286499972



4284334847



4294940825

# Complementary

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



4286499972



4291591878

# 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.



4294940614



4286499972



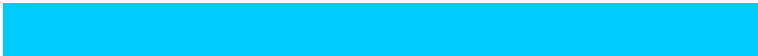
4289770239

# Square

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



4286499972



4278242559



4293501680



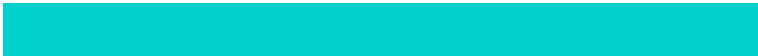
4294944116

# Rectangle

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



4286499972



4278243790



4293501680



4294940584

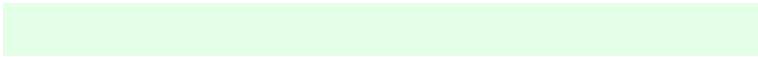


# Sweetspot

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



4286499972



4293132261



4291284094



4285497456



4278190080



4286611584



# Same Dimension

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



4286499972



4287299475



4286500010



4284245597



4278232589



4278199811



# Inverse Universe

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



4291591878



4294937334



4291591840



4284898405



4289069209



4280680483



# Previews

## White Background



This preview shows how the Android color 4286499972 looks on a white background.

## Color Contrast Check

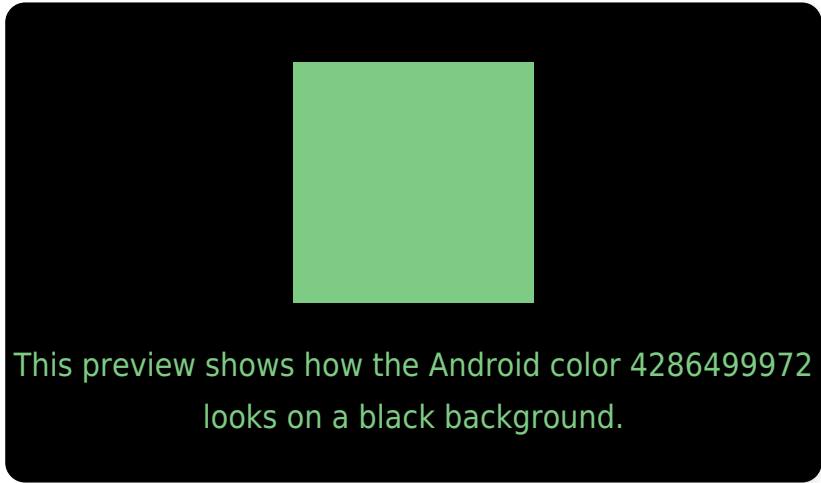
Large Text (above 18pt) WCAG AA × Fail

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 4286499972 Background



This preview shows how black text looks on a background with the Android color 4286499972.



This preview shows how white text looks on a background with the Android color 4286499972.

# 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



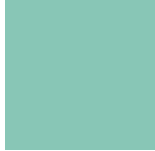
**Original Color**  
4286499972



**Protanomaly**  
4289642623



**Deuteranomaly**  
4290362248



**Tritanomaly**  
4287153846

# Monochromacy



**Original Color**  
4286499972



**Achromatopsia**  
4289506476



**Achromatomaly**  
4288395421

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286499972 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(126, 204, 132)` looks like.

```
.text, #text, p{  
    color:rgb(126, 204, 132)  
}
```

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(126, 204, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 204, 132) }
```

## Border

The CSS property to change the border of an element to Android 4286499972 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(126, 204, 132) }
```

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

```
.border{ border-color:rgb(126, 204, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 204, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 204, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 204, 132);  
box-shadow:4px 4px 4px 4px rgb(126, 204,  
132) }
```

# Background

The CSS property to change the background color of an element to Android 4286499972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 204, 132) }
```

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

```
.background{ background-color: rgb(126,  
204, 132) }
```

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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