

# Converting Colors

Android(4286051497)

Have a look what the booklet for  
Android(4286051497) contains.

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# **Color**

**Android(4286051497)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77F4A9
RGB	119, 244, 169
RGB Percent	47%, 96%, 66%
CMY	0.5333, 0.0431, 0.3373
CMYK	0.51, 0.00, 0.31, 0.04
HSL	144°, 85%, 71%
HSV	144°, 51%, 96%
XYZ	47.1199, 71.4879, 48.8512
YIQ	198.0750, -50.4250, -49.8250

# Conversions

## Conversions Part 2

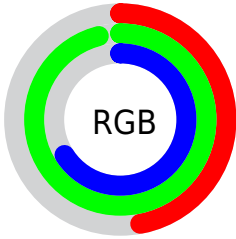
Format	Color
<b>RYB</b>	119, 208, 244
Decimal	7861417
CIELab	87.72, -51.35, 25.72
CIELCh	88, 57.433, 153.395
Yxy	71.4879, 0.2814, 0.4269
Android (android.graphics.Color)	4286051497 (0xFF77F4A9)
YUV	198.0750, -14.3340, -69.3488
Hunter-Lab	84.5505, -48.4856, 24.9291

# Details

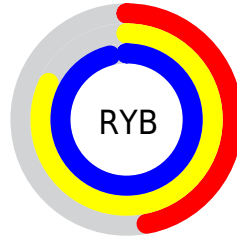
The Android color `4286051497` is a light color, and the websafe version is hex `66FFCC`. A complement of this color would be `4294211522`, and the grayscale version is `4291217094`.

A 20% lighter version of the original color is `4289920993`, and `4281908084` is the 20% darker color. If you saturate the color by 10%, you get `4284478618`, and if you desaturate by 10%, it is `4287624376`.

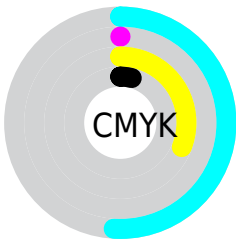
# Distribution



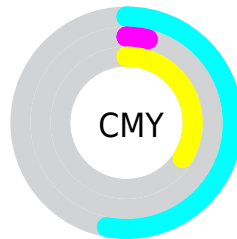
- Red (47%)
- Green (96%)
- Blue (66%)



- Red (47%)
- Yellow (82%)
- Blue (96%)



- Cyan (51%)
- Magenta (0%)
- Yellow (31%)
- Black (4%)



- Cyan (53%)
- Magenta (4%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286051497 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 4286051497 by changing the saturation by 10% instead.





4286051497



4286051497

4294967295



4284077966



4289920993



4281908084



4291887101



4278361947



4293853183



4278223939



4278217260



4278210838



4278204672



4278198784



4278190080

 4286051497


 4286051497

 4284478618

 4287624376

 4282840204

 4289262790

 4281267325

 4290835669

 4279628910

 4292474084

 4278252642

 4294046962

 4294964479

# Harmonies

## Analogous

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



4290701950



4286051497



4278253793

# Triad

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



4286051497



4287357183



4294948515

# Complementary

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



4286051497



4294211522

# 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.



4294946776



4286051497



4293512191

# Square

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



4286051497



4278251263



4294949119



4294952827

# Rectangle

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



4286051497



4278253823



4294949119



4294947507

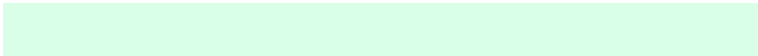


# Sweetspot

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



4286051497



4292476904



4290966647



4285104242



4278190080



4286611584



# Same Dimension

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



4286051497



4284743586



4286051560



4285430387



4278237770



4278205207



# Inverse Universe

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



4294211522



4294927297



4294211460



4286213750



4290379888

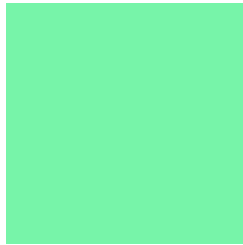


4282056739



# Previews

## White Background



This preview shows how the Android color 4286051497 looks on a white background.

## Color Contrast Check

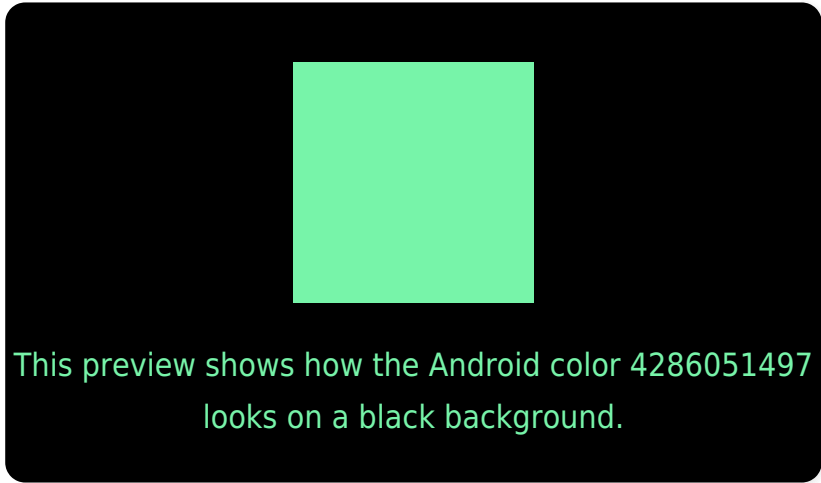
Large Text (above 18pt) WCAG AA × Fail

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 4286051497 Background



This preview shows how black text looks on a background with the Android color 4286051497.

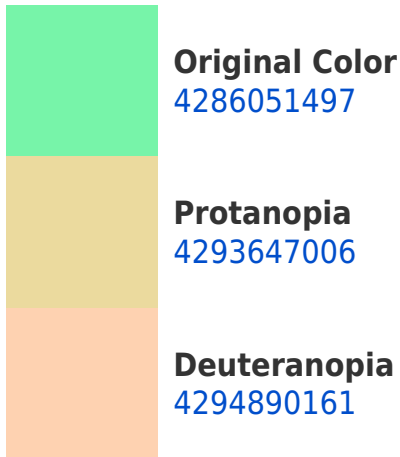


This preview shows how white text looks on a background with the Android color 4286051497.

# 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



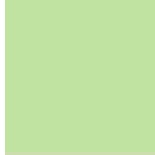


# Trichromacy



**Original Color**

4286051497



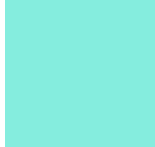
**Protanomaly**

4290896802



**Deuteranomaly**

4291681966



**Tritanomaly**

4286967262

# Monochromacy



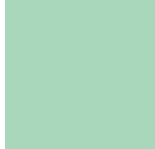
**Original Color**

4286051497



**Achromatopsia**

4291217094



**Achromatomaly**

4289320891

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286051497 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, 244, 169)` looks like.

```
.text, #text, p{  
    color:rgb(119, 244, 169)  
}
```

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, 244, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 244, 169) }
```

## Border

The CSS property to change the border of an element to Android 4286051497 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, 244, 169) }
```

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

```
.border{ border-color:rgb(119, 244, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 244, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 244, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 244, 169);  
box-shadow:4px 4px 4px 4px rgb(119, 244,  
169) }
```

# Background

The CSS property to change the background color of an element to Android 4286051497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 244, 169) }
```

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

```
.background{ background-color: rgb(119,  
244, 169) }
```

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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