

# Converting Colors

Android(4286629017)

Have a look what the booklet for  
Android(4286629017) contains.

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# **Color**

**Android(4286629017)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80C499
RGB	128, 196, 153
RGB Percent	50%, 77%, 60%
CMY	0.4980, 0.2314, 0.4000
CMYK	0.35, 0.00, 0.22, 0.23
HSL	142°, 37%, 64%
HSV	142°, 35%, 77%
XYZ	34.3918, 46.3690, 37.2745
YIQ	170.7660, -26.7250, -27.7890

# Conversions

## Conversions Part 2

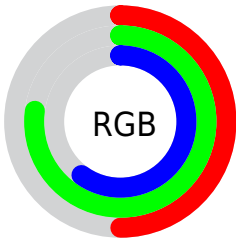
Format	Color
<a href="#">RYB</a>	<a href="#">128, 178, 196</a>
Decimal	<a href="#">8438937</a>
CIELab	<a href="#">73.78, -30.71, 14.89</a>
CIELCh	<a href="#">74, 34.127, 154.129</a>
Yxy	<a href="#">46.3690, 0.2914, 0.3928</a>
Android (android.graphics.Color)	<a href="#">4286629017 (0xFF80C499)</a>
YUV	<a href="#">170.7660, -8.7586, -37.5058</a>
Hunter-Lab	<a href="#">68.0948, -29.0130, 15.2115</a>

# Details

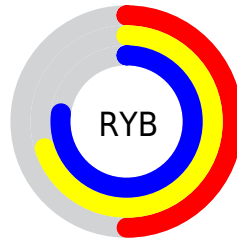
The Android color `4286629017` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4291068075`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4290248143`, and `4283141734` is the 20% darker color. If you saturate the color by 10%, you get `4285318285`, and if you desaturate by 10%, it is `4287939749`.

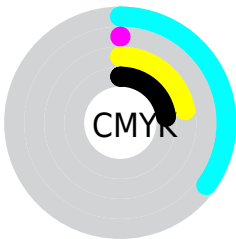
# Distribution



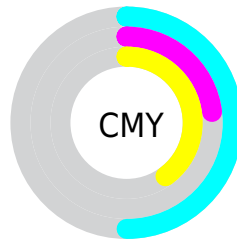
- Red (50%)
- Green (77%)
- Blue (60%)



- Red (50%)
- Yellow (70%)
- Blue (77%)



- Cyan (35%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)



- Cyan (50%)
- Magenta (23%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286629017 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 4286629017 by changing the saturation by 10% instead.





4286629017



4286629017

4294967295



4284918143



4290248143



4283141734



4292083692



4281431118



4293984255



4279589687



4278207265



4278201355



4278195712



4278190080



4286629017



4286629017

 4285318285


 4287939749


 4284073088

 4289184946

 4282762356

 4290495678

 4281517159

 4291740875

 4280206427

 4293051607

 4278895695

 4294362339

 4278240328

 4294952176

 4294952188

 4294952191

# Harmonies

## Analogous

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



4289052289



4286629017



4284270265

# Triad

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



4286629017



4287805427



4294025620

# Complementary

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



4286629017



4291068075

# 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.



4294090418



4286629017



4290751721

# Square

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



4286629017



4284727533



4292977361



4293044862

# Rectangle

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



4286629017



4283221710



4292977361



4294156189

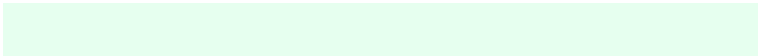


# Sweetspot

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



4286629017



4293328879



4289447040



4285562998



4278190080



4286611584

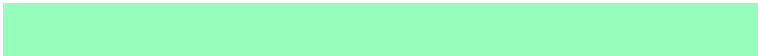


# Same Dimension

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



4286629017



4287954875



4286629051



4283916635



4278231355



4278198540



# Inverse Universe

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



4291068075



4294939864



4291068041



4284569437



4288741478



4280352789



# Previews

## White Background



This preview shows how the Android color 4286629017 looks on a white background.

## Color Contrast Check

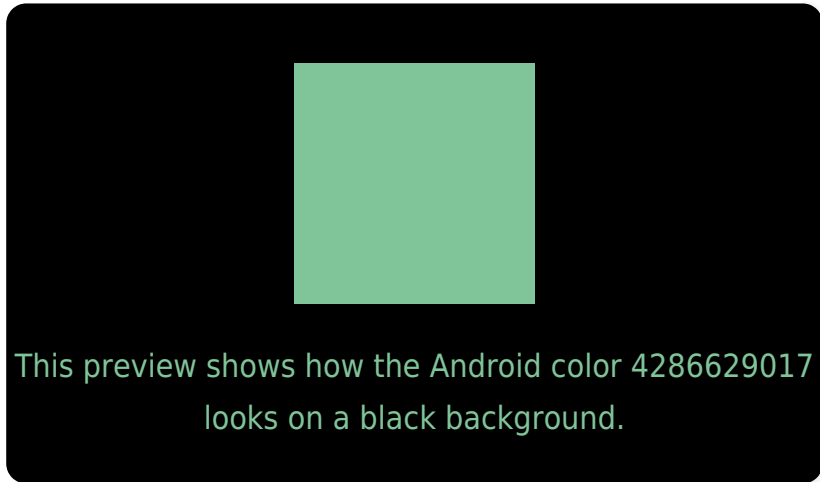
Large Text (above 18pt) WCAG AA × Fail

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 4286629017 Background



This preview shows how black text looks on a background with the Android color 4286629017.



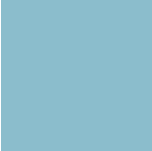
This preview shows how white text looks on a background with the Android color 4286629017.

# 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





**Tritanopia**  
4287348172

# Trichromacy



**Original Color**

4286629017



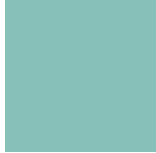
**Protanomaly**

4289313428



**Deuteranomaly**

4289902236



**Tritanomaly**

4287086777

# Monochromacy



**Original Color**

4286629017



**Achromatopsia**

4289440683



**Achromatomaly**

4288394404

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286629017 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(128, 196, 153)` looks like.

```
.text, #text, p{  
    color:rgb(128, 196, 153)  
}
```

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(128, 196, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 196, 153) }
```

## Border

The CSS property to change the border of an element to Android 4286629017 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(128, 196, 153) }
```

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

```
.border{ border-color:rgb(128, 196, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 196, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 196, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 196, 153);  
box-shadow:4px 4px 4px 4px rgb(128, 196,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4286629017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 196, 153) }
```

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

```
.background{ background-color: rgb(128,  
196, 153) }
```

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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