

# Converting Colors

Android(4288272777)

Have a look what the booklet for  
Android(4288272777) contains.

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# **Color**

**Android(4288272777)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99D989
RGB	153, 217, 137
RGB Percent	60%, 85%, 54%
CMY	0.4000, 0.1490, 0.4627
CMYK	0.29, 0.00, 0.37, 0.15
HSL	108°, 51%, 69%
HSV	108°, 37%, 85%
XYZ	42.4651, 58.2042, 32.6633
YIQ	188.7440, -12.4640, -38.4480

# Conversions

## Conversions Part 2

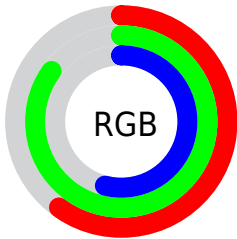
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 217, 201
Decimal	10082697
CIELab	80.85, -35.23, 33.10
CIElCh	81, 48.340, 136.782
Yxy	58.2042, 0.3185, 0.4365
Android (android.graphics.Color)	4288272777 (0xFF99D989)
YUV	188.7440, -25.5098, -31.3475
Hunter-Lab	76.2916, -34.1546, 28.0199

# Details

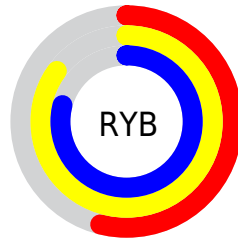
The Android color `4288272777` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4291398105`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4291952575`, and `4284719702` is the 20% darker color. If you saturate the color by 10%, you get `4287158643`, and if you desaturate by 10%, it is `4289386911`.

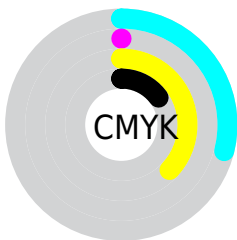
# Distribution



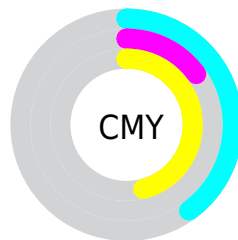
- Red (60%)
- Green (85%)
- Blue (54%)



- Red (54%)
- Yellow (85%)
- Blue (79%)



- Cyan (29%)
- Magenta (0%)
- Yellow (37%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288272777 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 4288272777 by changing the saturation by 10% instead.





4288272777



4288272777

4294967295



4286496111



4291952575



4284719702



4293853147



4283008830



4294967288



4281298214



4279325965



4278205696



4278200064



4278191616



4278190080

 4288272777

 4288272777

 4287158643

 4289386911

 4285978974

 4290566580

 4284864840

 4291680714

 4283750706

 4292794848

 4282571036

 4293974518

 4281456903

 4294957567

 4281063680

# Harmonies

## Analogous

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



4291612272



4288272777



4284080051

# Triad

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



4288272777



4283880447



4294944177

# Complementary

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



4288272777



4291398105

# 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.



4294944735



4288272777



4289643775

# Square

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



4288272777



4278246911



4293768191



4294946697

# Rectangle

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



4288272777



4278247890



4293768191



4294943936

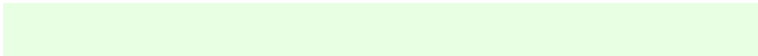


# Sweetspot

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



4288272777



4293525475



4292462985



4285694063



4278190080



4286611584

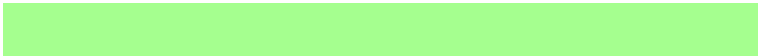


# Same Dimension

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



4288272777



4289068943



4287224225



4284837475



4280528128



4278791680



# Inverse Universe

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



4291398105



4293496831



4292446657



4285227886



4287299757



4280614958



# Previews

## White Background



This preview shows how the Android color 4288272777 looks on a white background.

## Color Contrast Check

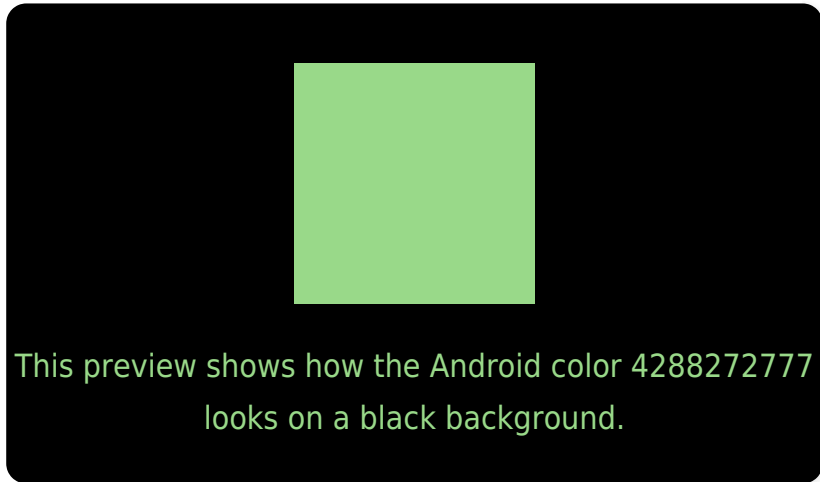
Large Text (above 18pt) WCAG AA × Fail

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 4288272777 Background



This preview shows how black text looks on a background with the Android color 4288272777.

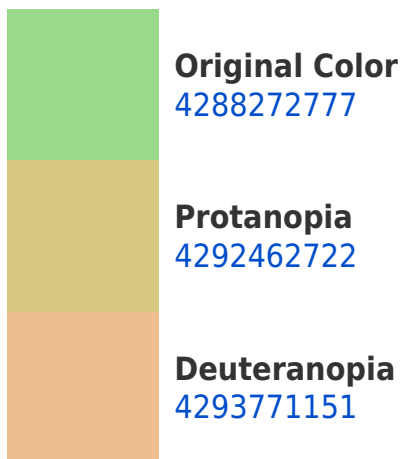


This preview shows how white text looks on a background with the Android color 4288272777.

# 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**

4288272777



**Protanomaly**

4290956933



**Deuteranomaly**

4291741837



**Tritanomaly**

4288926656

# Monochromacy



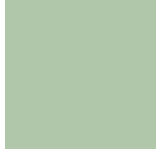
**Original Color**

4288272777



**Achromatopsia**

4290624957



**Achromatomaly**

4289775530

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288272777 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(153, 217, 137)` looks like.

```
.text, #text, p{  
    color:rgb(153, 217, 137)  
}
```

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(153, 217, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 217, 137) }
```

## Border

The CSS property to change the border of an element to Android 4288272777 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(153, 217, 137) }
```

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

```
.border{ border-color:rgb(153, 217, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 217, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 217, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 217, 137); box-shadow:4px 4px 4px 4px rgb(153, 217, 137) }
```

# Background

The CSS property to change the background color of an element to Android 4288272777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 217, 137) }
```

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

```
.background{ background-color: rgb(153,  
217, 137) }
```

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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