

Converting Colors

Android(4286049950)

Have a look what the booklet for
Android(4286049950) contains.

Android(4286049950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4286049950)

Conversions

Conversions Part 1

Format	Color
Hex	77EE9E
RGB	119, 238, 158
RGB Percent	47%, 93%, 62%
CMY	0.5333, 0.0667, 0.3804
CMYK	0.50, 0.00, 0.34, 0.07
HSL	140°, 78%, 70%
HSV	140°, 50%, 93%
XYZ	44.3538, 67.5396, 43.0465
YIQ	193.2990, -45.2440, -50.1080

Conversions

Conversions Part 2

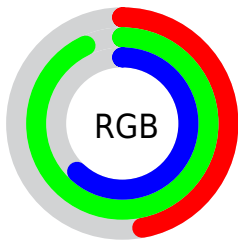
Format	Color
RYB	119, 209, 238
Decimal	7859870
CIELab	85.78, -50.86, 28.69
CIELCh	86, 58.397, 150.577
Yxy	67.5396, 0.2863, 0.4359
Android (android.graphics.Color)	4286049950 (0xFF77EE9E)
YUV	193.2990, -17.4024, -65.1602
Hunter-Lab	82.1825, -47.4830, 26.4721

Details

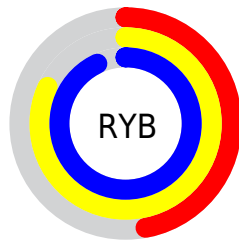
The Android color `4286049950` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4293818311`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4289855445`, and `4281972074` is the 20% darker color. If you saturate the color by 10%, you get `4284477070`, and if you desaturate by 10%, it is `4287622830`.

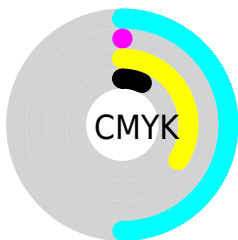
Distribution



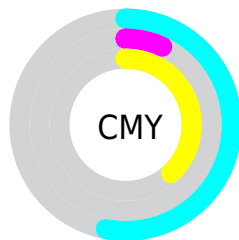
- Red (47%)
- Green (93%)
- Blue (62%)



- Red (47%)
- Yellow (82%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (34%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286049950 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 4286049950 by changing the saturation by 10% instead.

 4286049950

 4286049950

4294967295

 4284076420

 4289855445

 4281972074

 4291821554

 4278950481

 4293787647

 4278222649

 4278215970

 4278209546

 4278203392

 4278197504

 4278190080

 4286049950

 4286049950

 4284477070

 4287622830

 4282904190

 4289195710

 4281396846

 4290703054

 4279823966

 4292275934

 4278251086

 4293848814

 4294962942

 4294962943

Harmonies

Analogous

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



4290700404



4286049950



4278252502

Triad

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



4286049950



4285979903



4294946465

Complementary

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



4286049950



4293818311

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.



4294944984



4286049950



4292659455

Square

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



4286049950



4278250239



4294947839



4294951031

Rectangle

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



4286049950



4278252540



4294947839



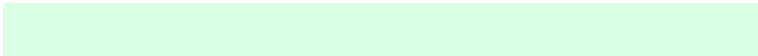
4294945459

Sweetspot

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



4286049950



4292476901



4291358327



4285104240



4278190080



4286611584

Same Dimension

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



4286049950



4284940184



4286050008



4285298800



4278237244



4278204434

Inverse Universe

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



4293818311



4294928077



4293818253



4286082164



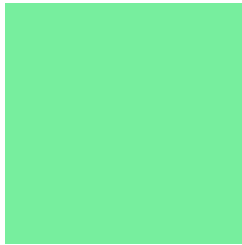
4290248827



4281860134

Previews

White Background



This preview shows how the Android color 4286049950 looks on a white background.

Color Contrast Check

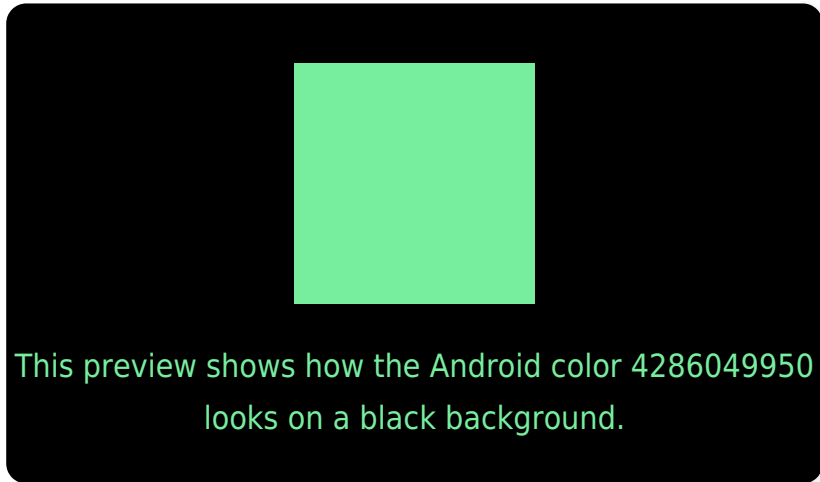
Large Text (above 18pt) WCAG AA × Fail

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

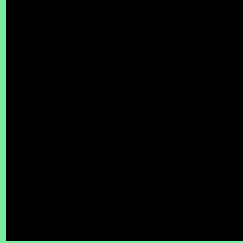
Any Text WCAG AA ✓ Pass

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 4286049950 Background



This preview shows how black text looks on a background with the Android color 4286049950.



This preview shows how white text looks on a background with the Android color 4286049950.

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





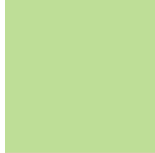
Tritanopia
4287489013

Trichromacy



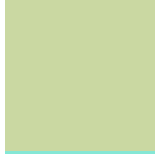
Original Color

4286049950



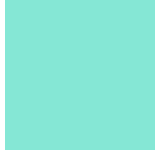
Protanomaly

4290698903



Deuteranomaly

4291483810



Tritanomaly

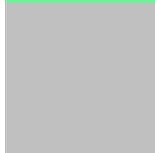
4286965717

Monochromacy



Original Color

4286049950



Achromatopsia

4290888129



Achromatomaly

4289122740

CSS Examples

Text

The CSS property to change the color of the text to Android 4286049950 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, 238, 158)` looks like.

```
.text, #text, p{  
    color:rgb(119, 238, 158)  
}
```

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, 238, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 238, 158) }
```

Border

The CSS property to change the border of an element to Android 4286049950 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, 238, 158) }
```

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

```
.border{ border-color:rgb(119, 238, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 238, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 238, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 238, 158);  
box-shadow:4px 4px 4px 4px rgb(119, 238,  
158) }
```

Background

The CSS property to change the background color of an element to Android 4286049950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 238, 158) }
```

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

```
.background{ background-color: rgb(119,  
238, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor