

Converting Colors

Android(4286049946)

Have a look what the booklet for
Android(4286049946) contains.

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Color

Android(4286049946)

Conversions

Conversions Part 1

Format	Color
Hex	77EE9A
RGB	119, 238, 154
RGB Percent	47%, 93%, 60%
CMY	0.5333, 0.0667, 0.3961
CMYK	0.50, 0.00, 0.35, 0.07
HSL	138°, 78%, 70%
HSV	138°, 50%, 93%
XYZ	44.0150, 67.4041, 41.2623
YIQ	192.8430, -43.9600, -51.3520

Conversions

Conversions Part 2

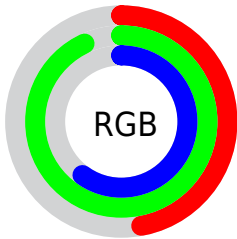
Format	Color
RYB	119, 211, 238
Decimal	7859866
CIELab	85.71, -51.56, 30.63
CIELCh	86, 59.972, 149.290
Yxy	67.4041, 0.2883, 0.4415
Android (android.graphics.Color)	4286049946 (0xFF77EE9A)
YUV	192.8430, -19.1496, -64.7603
Hunter-Lab	82.1000, -47.9785, 27.6717

Details

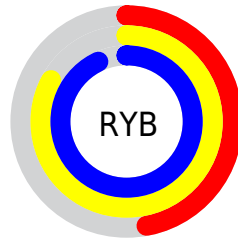
The Android color `4286049946` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4293818315`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4289855441`, and `4281972070` is the 20% darker color. If you saturate the color by 10%, you get `4284477065`, and if you desaturate by 10%, it is `4287622827`.

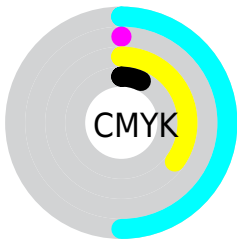
Distribution



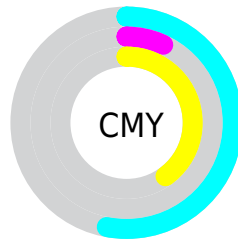
- Red (47%)
- Green (93%)
- Blue (60%)



- Red (47%)
- Yellow (83%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286049946 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 4286049946 by changing the saturation by 10% instead.

 4286049946

 4286049946

4294967295

 4284076416

 4289855441

 4281972070

 4291821549

 4278884941

 4293787647

 4278222645

 4278215966

 4278209541

 4278203392

 4278197248

 4278190080

 4286049946

 4286049946

 4284477065

 4287622827

 4282904184

 4289195708

 4281396840

 4290703052

 4279823959

 4292275933

 4278251078

 4293848814

 4294962943

Harmonies

Analogous

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



4290765679



4286049946



4278252499

Triad

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



4286049946



4285193727



4294945954

Complementary

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



4286049946



4293818315

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.



4294944474



4286049946



4292397311

Square

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



4286049946



4278250495



4294947583



4294950517

Rectangle

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



4286049946



4278252538



4294947583



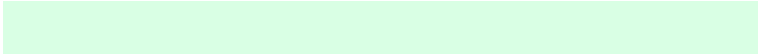
4294944948

Sweetspot

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



4286049946



4292476900



4291620471



4285104239



4278190080



4286611584

Same Dimension

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



4286049946



4284940179



4286050004



4285298799



4278237238



4278204432

Inverse Universe

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



4293818315



4294928082



4293818257



4286082164



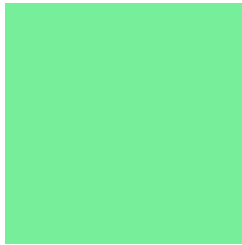
4290248834



4281860136

Previews

White Background



This preview shows how the Android color 4286049946 looks on a white background.

Color Contrast Check

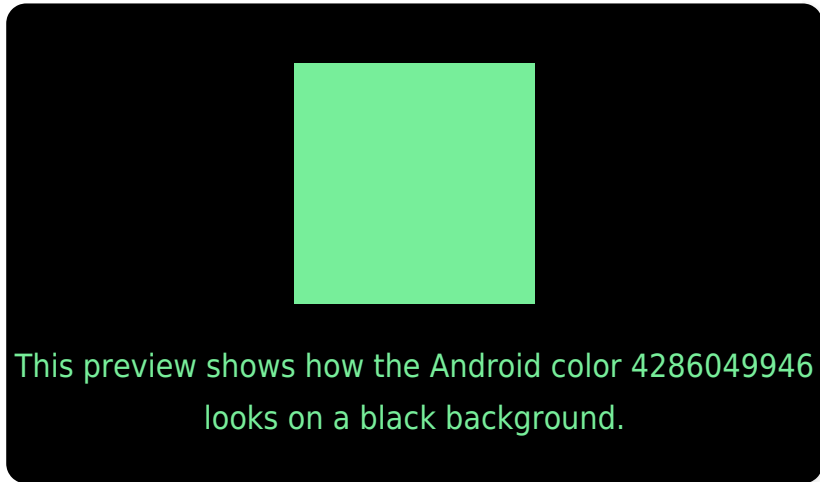
Large Text (above 18pt) WCAG AA × Fail

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 4286049946 Background



This preview shows how black text looks on a background with the Android color 4286049946.

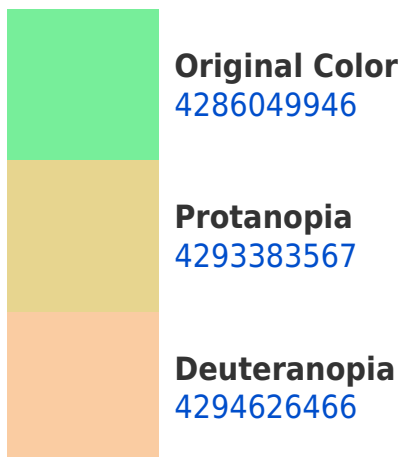


This preview shows how white text looks on a background with the Android color 4286049946.

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

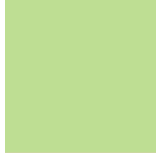


Trichromacy



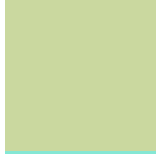
Original Color

4286049946



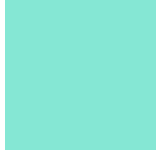
Protanomaly

4290698899



Deuteranomaly

4291483807



Tritanomaly

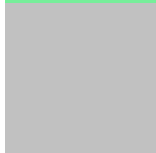
4286965716

Monochromacy



Original Color

4286049946



Achromatopsia

4290888129



Achromatomaly

4289122739

CSS Examples

Text

The CSS property to change the color of the text to Android 4286049946 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(119, 238, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 238, 154) }
```

Border

The CSS property to change the border of an element to Android 4286049946 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, 154) }
```

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

```
.border{ border-color:rgb(119, 238, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 238, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 238, 154); box-shadow:4px 4px 4px 4px rgb(119, 238, 154) }
```

Background

The CSS property to change the background color of an element to Android 4286049946 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, 154) }
```

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

```
.background{ background-color: rgb(119,  
238, 154) }
```

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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