

# Converting Colors

Android(4286245784)

Have a look what the booklet for  
Android(4286245784) contains.

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**Color**

**Android(4286245784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AEB98
RGB	122, 235, 152
RGB Percent	48%, 92%, 60%
CMY	0.5216, 0.0784, 0.4039
CMYK	0.48, 0.00, 0.35, 0.08
HSL	136°, 74%, 70%
HSV	136°, 48%, 92%
XYZ	43.4019, 65.8212, 40.1230
YIQ	191.7510, -40.7050, -49.7690

# Conversions

## Conversions Part 2

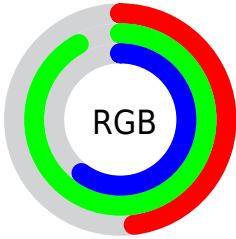
Format	Color
<b>RYB</b>	122, 211, 235
Decimal	8055704
CIELab	84.91, -49.91, 30.59
CIELCh	85, 58.535, 148.496
Yxy	65.8212, 0.2906, 0.4407
Android (android.graphics.Color)	4286245784 (0xFF7AEB98)
YUV	191.7510, -19.5972, -61.1716
Hunter-Lab	81.1303, -46.4867, 27.4693

# Details

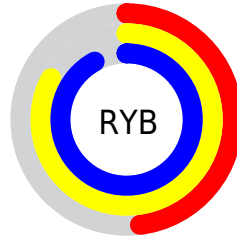
The Android color `4286245784` is a light color, and the websafe version is hex `99FF99`. A complement of this color would be `4293622477`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4290052047`, and `4282298980` is the 20% darker color. If you saturate the color by 10%, you get `4284672903`, and if you desaturate by 10%, it is `4287818665`.

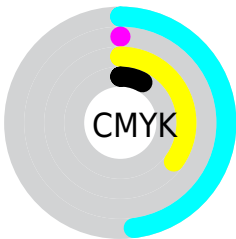
# Distribution



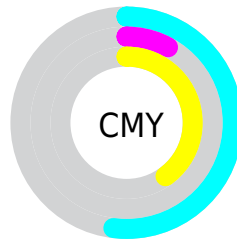
- Red (48%)
- Green (92%)
- Blue (60%)



- Red (48%)
- Yellow (83%)
- Blue (92%)



- Cyan (48%)
- Magenta (0%)
- Yellow (35%)
- Black (8%)



- Cyan (52%)
- Magenta (8%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286245784 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 4286245784 by changing the saturation by 10% instead.



 4286245784


 4286245784

4294967295

 4284337790

 4290052047

 4282298980

 4291952619

 4279736139

 4293918719

 4278221876

 4278215452

 4278209027

 4278202880

 4278196736

 4278190080

 4286245784

 4286245784

 4284672903

 4287818665

 4283165557

 4289326011

 4281658212

 4290898892

 4280085331

 4292406237

 4278512450

 4293979118

 4278250302

 4294962175

# Harmonies

## Analogous

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



4290830447



4286245784



4278251727

# Triad

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



4286245784



4285127679



4294945442

# Complementary

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



4286245784



4293622477

# 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.



4294944473



4286245784



4292069375

# Square

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



4286245784



4278249983



4294947583



4294950007

# Rectangle

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



4286245784



4278251765



4294947583



4294944692

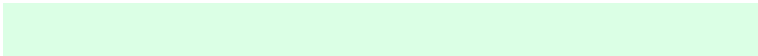


# Sweetspot

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



4286245784



4292607973



4291816314



4285169776



4278190080



4286611584



# Same Dimension

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



4286245784



4285267858



4286245839



4285166957



4278236464



4278203918



# Inverse Universe

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



4293622477



4294929368



4293622422



4285885042



4290052229

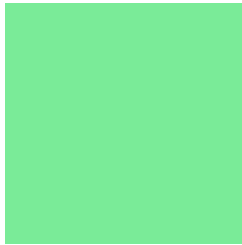


4281729063



# Previews

## White Background



This preview shows how the Android color 4286245784 looks on a white background.

## Color Contrast Check

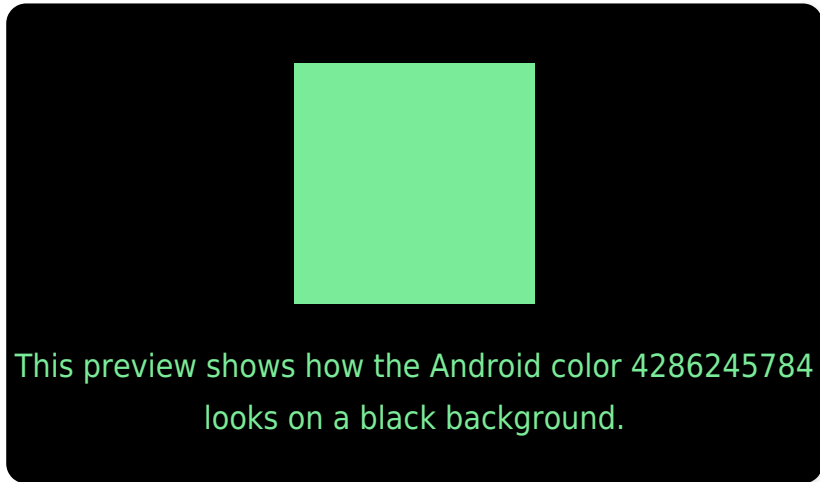
Large Text (above 18pt) WCAG AA × Fail

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 4286245784 Background



This preview shows how black text looks on a background with the Android color 4286245784.

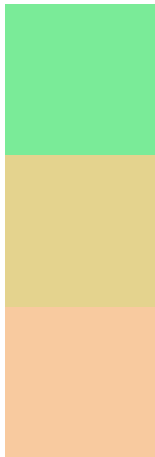


This preview shows how white text looks on a background with the Android color 4286245784.

# 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



**Original Color**  
4286245784

**Protanopia**  
4293186446

**Deuteranopia**  
4294494879



**Tritanopia**  
4287619314

# Trichromacy



**Original Color**

4286245784



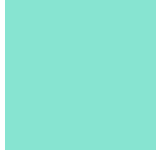
**Protanomaly**

4290632850



**Deuteranomaly**

4291483292



**Tritanomaly**

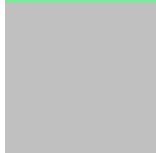
4287096017

# Monochromacy



**Original Color**

4286245784



**Achromatopsia**

4290822336



**Achromatomaly**

4289188017

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286245784 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(122, 235, 152)` looks like.

```
.text, #text, p{  
    color:rgb(122, 235, 152)  
}
```

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(122, 235, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 235, 152) }
```

## Border

The CSS property to change the border of an element to Android 4286245784 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(122, 235, 152) }
```

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

```
.border{ border-color:rgb(122, 235, 152) }
```

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

Here you see how a box with a 4 pixel rgb(122, 235, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 235, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 235, 152);  
box-shadow:4px 4px 4px 4px rgb(122, 235,  
152) }
```

# Background

The CSS property to change the background color of an element to Android 4286245784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 235, 152) }
```

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

```
.background{ background-color: rgb(122,  
235, 152) }
```

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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