

# Converting Colors

Android(4287216526)

Have a look what the booklet for  
Android(4287216526) contains.

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# **Color**

**Android(4287216526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89BB8E
RGB	137, 187, 142
RGB Percent	54%, 73%, 56%
CMY	0.4627, 0.2667, 0.4431
CMYK	0.27, 0.00, 0.24, 0.27
HSL	126°, 27%, 64%
HSV	126°, 27%, 73%
XYZ	32.9693, 42.8120, 32.1171
YIQ	166.9200, -15.3550, -24.5950

# Conversions

## Conversions Part 2

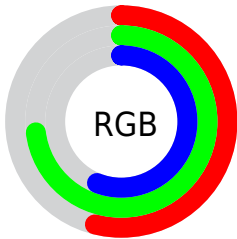
Format	Color
<a href="#">RYB</a>	<a href="#">137, 182, 187</a>
Decimal	<a href="#">9026446</a>
CIELab	<a href="#">71.43, -25.53, 17.60</a>
CIELCh	<a href="#">71, 31.009, 145.413</a>
Yxy	<a href="#">42.8120, 0.3056, 0.3968</a>
Android (android.graphics.Color)	<a href="#">4287216526 (0xFF89BB8E)</a>
YUV	<a href="#">166.9200, -12.2856, -26.2398</a>
Hunter-Lab	<a href="#">65.4309, -24.5614, 16.6988</a>

# Details

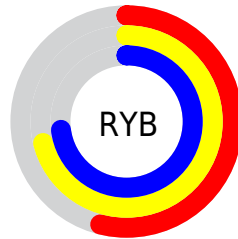
The Android color `4287216526` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4290480566`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4290769860`, and `4283860572` is the 20% darker color. If you saturate the color by 10%, you get `4285971325`, and if you desaturate by 10%, it is `4288461727`.

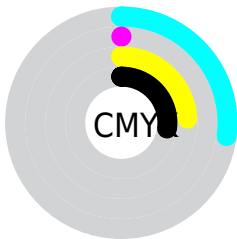
# Distribution



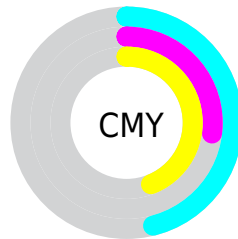
- Red (54%)
- Green (73%)
- Blue (56%)



- Red (54%)
- Yellow (71%)
- Blue (73%)



- Cyan (27%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)



- Cyan (46%)
- Magenta (27%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287216526 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 4287216526 by changing the saturation by 10% instead.





4287216526



4287216526

4294967295



4285505652



4290769860



4283860572



4292673504



4282215492



4294508541



4280636205



4278860824



4278199808



4278192640



4278190080



4287216526



4287216526

 4285971325

 4288461727

 4284791660


 4289641392

 4283546460

 4290886592

 4282301259

 4292131793

 4281121594

 4293376994

 4279876393

 4294556659

 4278631192

 4294949887

 4278237971

# Harmonies

## Analogous

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



4289377659



4287216526



4285120169

# Triad

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



4287216526



4286821351



4293368728

# Complementary

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



4287216526



4290480566

# 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.



4293106356



4287216526



4289571298

# Square

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



4287216526



4284398301



4291797199



4292715137

# Rectangle

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



4287216526



4284006333



4291797199



4293434017



# Sweetspot

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



4287216526



4292866785



4290165641



4285430383



4294638330



4286216826

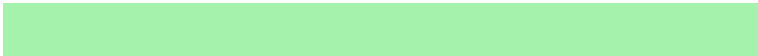


# Same Dimension

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



4287216526



4289065644



4287216551



4283784790



4278230544



4278198019



# Inverse Universe

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



4290480566



4294092266



4290480541



4284372317



4288544910



4280221724



# Previews

## White Background



This preview shows how the Android color 4287216526 looks on a white background.

## Color Contrast Check

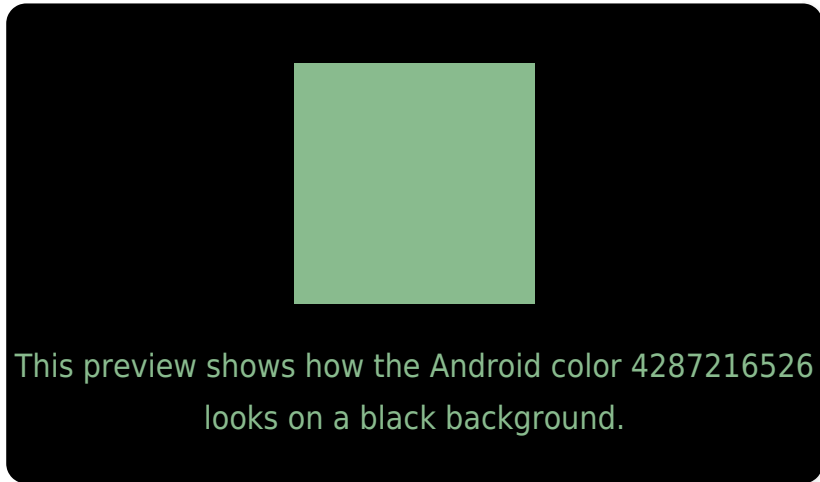
Large Text (above 18pt) WCAG AA × Fail

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

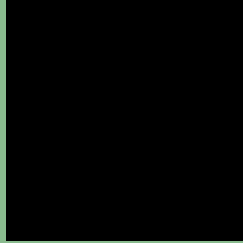
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287216526 Background



This preview shows how black text looks on a background with the Android color 4287216526.

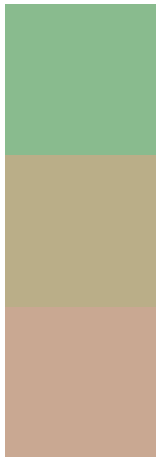


This preview shows how white text looks on a background with the Android color 4287216526.

# 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**  
4287216526

**Protanopia**  
4290424456

**Deuteranopia**  
4291405970



# Trichromacy



**Original Color**  
4287216526

**Protanomaly**  
4289246090

**Deuteranomaly**  
4289900433

**Tritanomaly**  
4287608751

# Monochromacy



**Original Color**  
4287216526

**Achromatopsia**  
4289177511

**Achromatomaly**  
4288458398

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287216526 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(137, 187, 142)` looks like.

```
.text, #text, p{  
    color:rgb(137, 187, 142)  
}
```

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(137, 187, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 187, 142) }
```

## Border

The CSS property to change the border of an element to Android 4287216526 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(137, 187, 142) }
```

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

```
.border{ border-color:rgb(137, 187, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 187, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 187, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 187, 142);  
box-shadow:4px 4px 4px 4px rgb(137, 187,  
142) }
```

# Background

The CSS property to change the background color of an element to Android 4287216526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 187, 142) }
```

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

```
.background{ background-color: rgb(137,  
187, 142) }
```

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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