

# Converting Colors

Android(4287086004)

Have a look what the booklet for  
Android(4287086004) contains.

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# **Color**

**Android(4287086004)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 87BDB4                       |
| RGB         | 135, 189, 180                |
| RGB Percent | 53%, 74%, 71%                |
| CMY         | 0.4706, 0.2588, 0.2941       |
| CMYK        | 0.29, 0.00, 0.05, 0.26       |
| HSL         | 170°, 29%, 64%               |
| HSV         | 170°, 29%, 74%               |
| XYZ         | 36.4275, 44.8414, 49.9153    |
| YIQ         | 171.8280, -29.2950, -14.2470 |

# Conversions

## Conversions Part 2

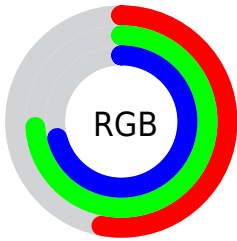
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 135, 164, 189                 |
| Decimal                             | 8895924                       |
| CIELab                              | 72.79, -19.51, -1.13          |
| CIELCh                              | 73, 19.547, 183.319           |
| Yxy                                 | 44.8414, 0.2777,<br>0.3418    |
| Android<br>(android.graphics.Color) | 4287086004<br>(0xFF87BDB4)    |
| YUV                                 | 171.8280, 4.0288,<br>-32.2982 |
| Hunter-Lab                          | 66.9637, -20.0845,<br>2.6793  |

# Details

The Android color `4287086004` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4290611088`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4290704876`, and `4283664511` is the 20% darker color. If you saturate the color by 10%, you get `4285840817`, and if you desaturate by 10%, it is `4288331191`.

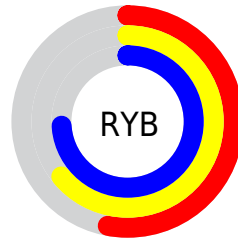
# Distribution



Red (53%)

Green (74%)

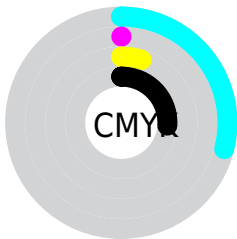
Blue (71%)



Red (53%)

Yellow (64%)

Blue (74%)

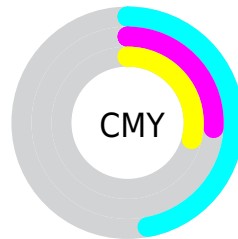


Cyan (29%)

Magenta (0%)

Yellow (5%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287086004 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 4287086004 by changing the saturation by 10% instead.





4287086004



4287086004

4294967295



4285375129



4290704876



4283664511



4292542463



4282019430



4294443007



4280309070



4278337080



4278200354



4278194700



4278190080



4287086004



4287086004

 4285840817

 4288331191

 4284595630

 4289576378

 4283350443

 4290821565

 4282105255

 4292066753

 4280860068

 4293311940

 4279680417

 4294491591

 4278435230

 4294950346

 4278238621

 4294950349

 4294950352

# Harmonies

## Analogous

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



4288134050



4287086004



4286758086

# Triad

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



4287086004



4290293200



4291734675

# Complementary

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



4287086004



4290611088

# 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.



4292323488



4287086004



4291602627

# Square

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



4287086004



4288787414



4292322993



4290687631

# Rectangle

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



4287086004



4287085263



4292322993



4291996311



# Sweetspot

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



4287086004



4292867569



4287675783



4285364856



4294638330



4286216826



# Same Dimension

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



4287086004



4288869863



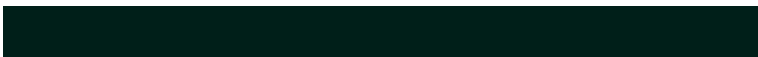
4287081405



4283784797



4278230660



4278198041



# Inverse Universe

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



4290611088



4294288047



4290615687



4284372310



4288544794



4280221701



# Previews

## White Background



This preview shows how the Android color 4287086004 looks on a white background.

## Color Contrast Check

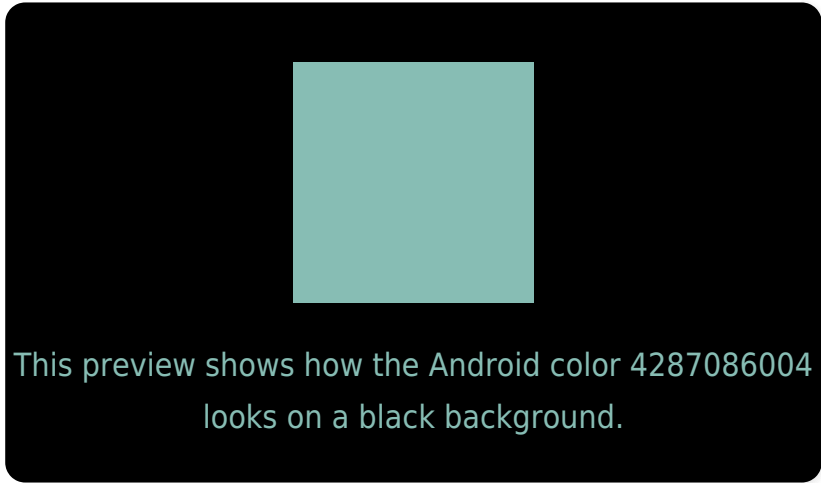
Large Text (above 18pt) WCAG AA × Fail

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

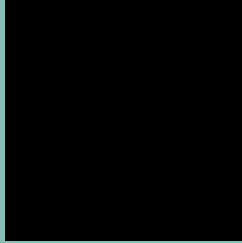
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

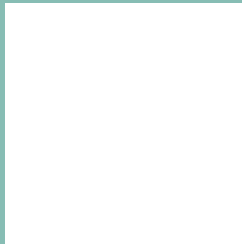
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287086004 Background



This preview shows how black text looks on a background with the Android color 4287086004.



This preview shows how white text looks on a background with the Android color 4287086004.

# 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**  
4287086004

**Protanomaly**  
4289050032

**Deuteranomaly**  
4289508278

**Tritanomaly**  
4287282113

# Monochromacy



**Original Color**  
4287086004

**Achromatopsia**  
4289506476

**Achromatomaly**  
4288656047

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287086004 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(135, 189, 180)` looks like.

```
.text, #text, p{  
    color:rgb(135, 189, 180)  
}
```

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(135, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 189, 180) }
```

## Border

The CSS property to change the border of an element to Android 4287086004 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(135, 189, 180) }
```

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

```
.border{ border-color:rgb(135, 189, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 189, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(135, 189,  
180) }
```

# Background

The CSS property to change the background color of an element to Android 4287086004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 189, 180) }
```

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

```
.background{ background-color: rgb(135,  
189, 180) }
```

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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