

# Converting Colors

Android(4287068538)

Have a look what the booklet for  
Android(4287068538) contains.

<b>Android(4287068538)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4287068538)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87797A
RGB	135, 121, 122
RGB Percent	53%, 47%, 48%
CMY	0.4706, 0.5255, 0.5216
CMYK	0.00, 0.10, 0.10, 0.47
HSL	356°, 6%, 50%
HSV	356°, 10%, 53%
XYZ	20.3419, 20.2308, 21.2452
YIQ	125.3000, 8.0230, 3.2790

# Conversions

## Conversions Part 2

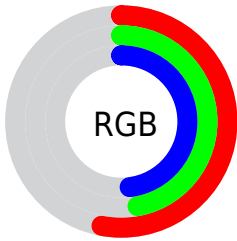
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 121, 122
Decimal	8878458
CIE <sub>Lab</sub>	52.10, 5.56, 1.41
CIE <sub>LCh</sub>	52, 5.733, 14.210
Yxy	20.2308, 0.3291, 0.3273
Android (android.graphics.Color)	4287068538 (0xFF87797A)
YUV	125.3000, -1.6269, 8.5069
Hunter-Lab	44.9786, 2.0152, 3.4801

# Details

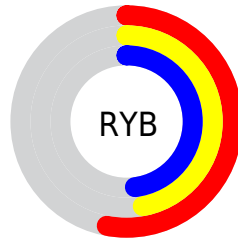
The Android color `4287068538` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4286154630`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4290555310`, and `4283779145` is the 20% darker color. If you saturate the color by 10%, you get `4287065197`, and if you desaturate by 10%, it is `4287072135`.

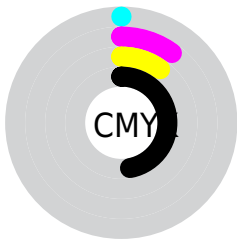
# Distribution



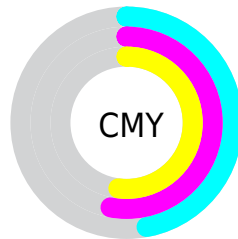
- Red (53%)
- Green (47%)
- Blue (48%)



- Red (53%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287068538 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 4287068538 by changing the saturation by 10% instead.



 4287068538

 4287068538

4294967295

 4285423713

 4290555310

 4283779145

 4292397514

 4282266163

 4294305254

 4280818974

 4279501572

 4278190080

 4287068538

 4287068538

 4287065197

 4287072135

 4287061601

 4287075475

 4287058260

 4287079072

 4287054664

 4287082412

 4287051067

 4287086009

 4287047727

 4287089349

 4287044130

 4287092690

 4287040790

 4287096286

 4287037450

 4287099883

# Harmonies

## Analogous

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



4286937471



4287068538



4287003254

# Triad

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



4287068538



4286086773



4285824390

# Complementary

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



4287068538



4286154630

# 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.



4285628291



4287068538



4285759353

# Square

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



4287068538



4286479731



4285628286



4286217350

# Rectangle

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



4287068538



4286872436



4285628286



4285759109



# Sweetspot

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



4287068538



4289768363



4287003015



4284044886



4292467161



4284045657



# Same Dimension

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



4287068538



4289764252



4287070073



4282530876



4286709769



4278386688



# Inverse Universe

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



4287068538



4289764252



4286153095



4282530876



4286709769



4278386688



# Previews

## White Background



This preview shows how the Android color 4287068538 looks on a white background.

## Color Contrast Check

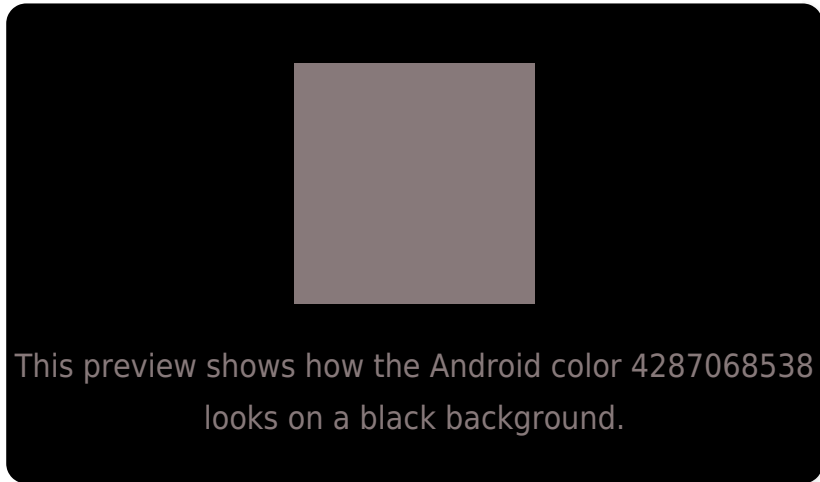
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4287068538 Background



This preview shows how black text looks on a background with the Android color 4287068538.



This preview shows how white text looks on a background with the Android color 4287068538.

# 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**


4287068538

**Protanopia**

4286545020

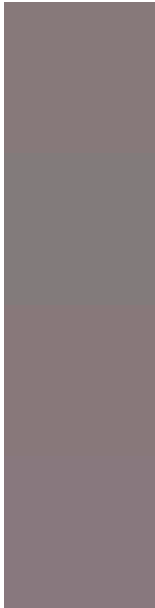
**Deuteranopia**

4287199354



**Tritanopia**  
4287133825

# Trichromacy



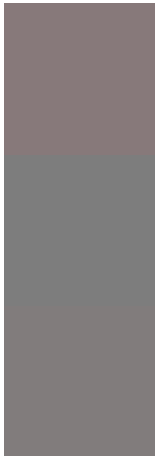
**Original Color**  
4287068538

**Protanomaly**  
4286741371

**Deuteranomaly**  
4287133818

**Tritanomaly**  
4287133822

# Monochromacy



**Original Color**  
4287068538

**Achromatopsia**  
4286414205

**Achromatomaly**  
4286676092

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287068538 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, 121, 122)` looks like.

```
.text, #text, p{  
    color:rgb(135, 121, 122)  
}
```

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, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 121, 122) }
```

## Border

The CSS property to change the border of an element to Android 4287068538 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, 121, 122) }
```

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

```
.border{ border-color:rgb(135, 121, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(135, 121,  
122) }
```

# Background

The CSS property to change the background color of an element to Android 4287068538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 121, 122) }
```

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

```
.background{ background-color: rgb(135,  
121, 122) }
```

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