

Converting Colors

Android(4287204007)

Have a look what the booklet for
Android(4287204007) contains.

Android(4287204007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4287204007)

Conversions

Conversions Part 1

Format	Color
Hex	898AA7
RGB	137, 138, 167
RGB Percent	54%, 54%, 65%
CMY	0.4627, 0.4588, 0.3451
CMYK	0.18, 0.17, 0.00, 0.35
HSL	238°, 15%, 60%
HSV	238°, 18%, 65%
XYZ	26.3801, 26.2853, 40.2424
YIQ	141.0070, -9.9050, 8.8070

Conversions

Conversions Part 2

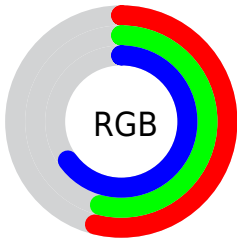
Format	Color
RYB	137, 138, 167
Decimal	9013927
CIELab	58.31, 5.86, -15.41
CIELCh	58, 16.490, 290.818
Yxy	26.2853, 0.2839, 0.2829
Android (android.graphics.Color)	4287204007 (0xFF898AA7)
YUV	141.0070, 12.8145, -3.5141
Hunter-Lab	51.2692, 2.1242, -10.6496

Details

The Android color `4287204007` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `4289177225`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4290756574`, and `4283914355` is the 20% darker color. If you saturate the color by 10%, you get `4286085799`, and if you desaturate by 10%, it is `4288322215`.

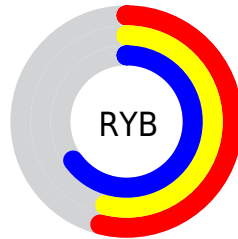
Distribution



Red (54%)

Green (54%)

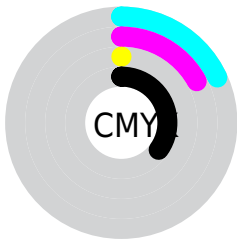
Blue (65%)



Red (54%)

Yellow (54%)

Blue (65%)

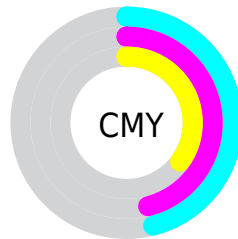


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (35%)



Cyan (46%)

Magenta (46%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287204007 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 4287204007 by changing the saturation by 10% instead.



4287204007



4287204007

4294967295



4285493645



4290756574



4283914355



4292598779



4282335578



4294441215



4280822595



4279441197



4278190360



4278190080



4287204007



4287204007



4286085799



4288322215

■ 4285033127

■ 4289374887

■ 4283914919

■ 4290493095

■ 4282796455

■ 4291611559

■ 4281678247

■ 4292664231

■ 4280625575

■ 4293782439

■ 4279507367

■ 4294900647

■ 4278389159

■ 4294967207

■ 4278191783

Harmonies

Analogous

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



4285960104



4287204007



4288382367

Triad

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



4287204007



4289103222



4285371527

Complementary

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



4287204007



4289177225

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.



4286354042



4287204007



4288449136

Square

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



4287204007



4289364611



4287467121



4284847254

Rectangle

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



4287204007



4288906134



4287467121



4285699202

Sweetspot

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



4287204007



4291743449



4287211430



4284966766



4293783021



4285427310

Same Dimension

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



4287204007



4289309657



4288121255



4283190356



4278191508



4278190356

Inverse Universe

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



4289169802



4292454827



4288259977



4283714636



4287889413



4279500801

Previews

White Background



This preview shows how the Android color 4287204007 looks on a white background.

Color Contrast Check

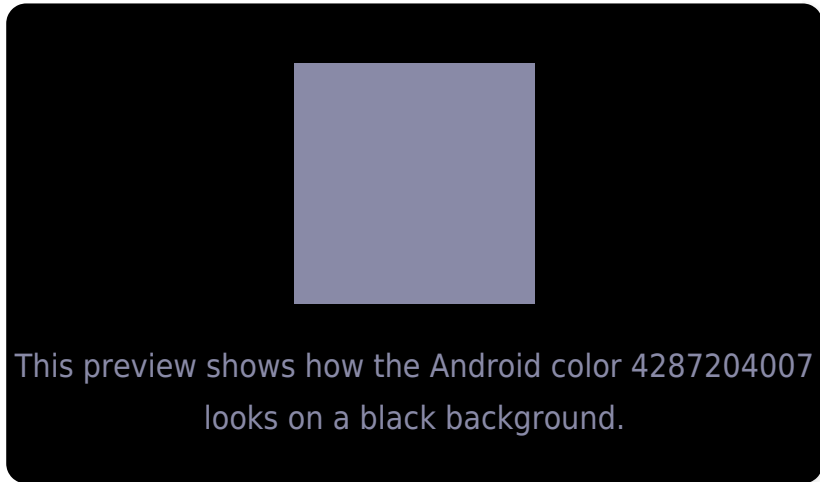
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287204007 Background



This preview shows how black text looks on a background with the Android color 4287204007.



This preview shows how white text looks on a background with the Android color 4287204007.

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

4287204007

Protanopia

4287007656

Deuteranopia

4287400359

Trichromacy



Original Color
4287204007

Protanomaly
4287073192

Deuteranomaly
4287334823

Tritanomaly
4287073437

Monochromacy



Original Color
4287204007

Achromatopsia
4287466893

Achromatomaly
4287401110

CSS Examples

Text

The CSS property to change the color of the text to Android 4287204007 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, 138, 167)` looks like.

```
.text, #text, p{  
    color:rgb(137, 138, 167)  
}
```

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, 138, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 138, 167) }
```

Border

The CSS property to change the border of an element to Android 4287204007 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, 138, 167) }
```

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

```
.border{ border-color:rgb(137, 138, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 138, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 138, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 138, 167);  
box-shadow:4px 4px 4px 4px rgb(137, 138,  
167) }
```

Background

The CSS property to change the background color of an element to Android 4287204007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 138, 167) }
```

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

```
.background{ background-color: rgb(137,  
138, 167) }
```

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