

# Converting Colors

Android(4287472209)

Have a look what the booklet for  
Android(4287472209) contains.

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# **Color**

**Android(4287472209)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DA251
RGB	141, 162, 81
RGB Percent	55%, 64%, 32%
CMY	0.4471, 0.3647, 0.6824
CMYK	0.13, 0.00, 0.50, 0.36
HSL	76°, 33%, 48%
HSV	76°, 50%, 64%
XYZ	25.3900, 32.0975, 12.6418
YIQ	146.4870, 13.4850, -29.6430

# Conversions

## Conversions Part 2

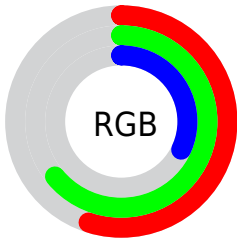
Format	Color
<a href="#">RYB</a>	<a href="#">81, 162, 102</a>
Decimal	<a href="#">9282129</a>
CIELab	<a href="#">63.42, -20.33, 39.37</a>
CIELCh	<a href="#">63, 44.305, 117.307</a>
Yxy	<a href="#">32.0975, 0.3620, 0.4577</a>
Android (android.graphics.Color)	<a href="#">4287472209 (0xFF8DA251)</a>
YUV	<a href="#">146.4870, -32.2851, -4.8121</a>
Hunter-Lab	<a href="#">56.6546, -19.1500, 26.4284</a>

# Details

The Android color `4287472209` is a dark color, and the websafe version is hex `999933`. A complement of this color would be `4284895650`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4291090820`, and `4284050976` is the 20% darker color. If you saturate the color by 10%, you get `4287210049`, and if you desaturate by 10%, it is `4287734369`.

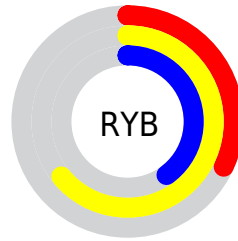
# Distribution



Red (55%)

Green (64%)

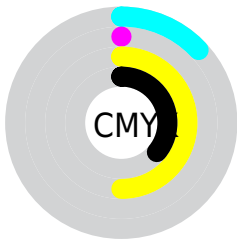
Blue (32%)



Red (32%)

Yellow (64%)

Blue (40%)

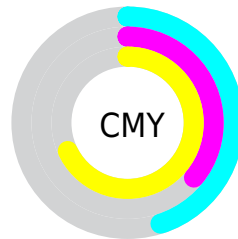


Cyan (13%)

Magenta (0%)

Yellow (50%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287472209 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 4287472209 by changing the saturation by 10% instead.





4287472209



4287472209

4294967295



4285761592



4291090820



4284050976



4292998559



4282406404



4294901690



4280893184



4294967254



4279183616



4294967283



4278195200



4278190080



4287472209



4287472209



4287210049



4287734369

■ 4286947889

■ 4287996529

■ 4286620192

■ 4288324226

■ 4286358032

■ 4288586386

■ 4286095872

■ 4288848546

■ 4289110706

■ 4289372866

■ 4289700563

■ 4289962723

# Harmonies

## Analogous

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



4290090569



4287472209



4284263021

# Triad

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



4287472209



4278233307



4292901279

# Complementary

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



4287472209



4284895650

# 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.



4291265221



4287472209



4283277288

# Square

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



4287472209



4278234556



4288123360



4293098616

# Rectangle

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



4287472209



4281183623



4288123360



4292574124



# Sweetspot

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



4287472209



4291548340



4288832849



4284902232



4293651435



4285229931



# Same Dimension

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



4287472209



4289975381



4284850769



4283388489



4285305088



4279046656



# Inverse Universe

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



4284895650



4285945300



4287517090



4283189586



4280680593



4278517778



# Previews

## White Background



This preview shows how the Android color 4287472209 looks on a white background.

## Color Contrast Check

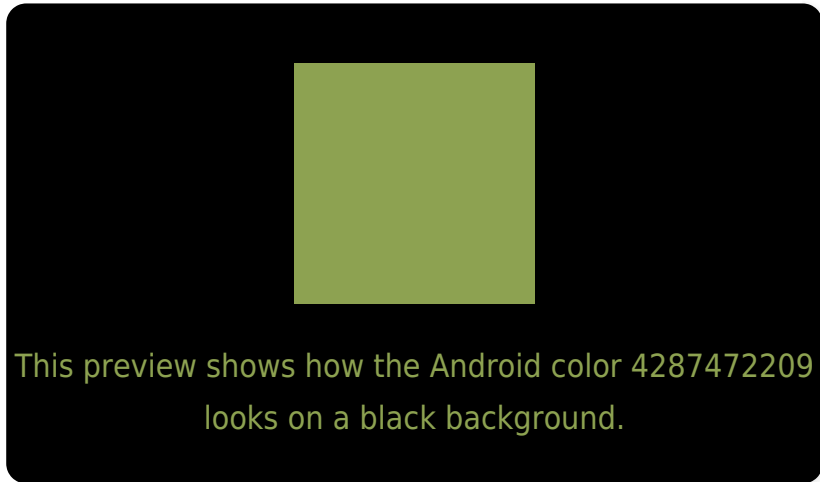
Large Text (above 18pt) WCAG AA × Fail

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 4287472209 Background



This preview shows how black text looks on a background with the Android color 4287472209.



This preview shows how white text looks on a background with the Android color 4287472209.

# 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**  
4287472209

**Protanopia**  
4289304910

**Deuteranopia**  
4290482773



**Tritanopia**  
4288125349

# Trichromacy



**Original Color**  
4287472209

**Protanomaly**  
4288650319

**Deuteranomaly**  
4289370196

**Tritanomaly**  
4287863942

# Monochromacy



**Original Color**  
4287472209

**Achromatopsia**  
4287795858

**Achromatomaly**  
4287666298

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287472209 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(141, 162, 81)` looks like.

```
.text, #text, p{  
    color:rgb(141, 162, 81)  
}
```

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(141, 162, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 162, 81) }
```

## Border

The CSS property to change the border of an element to Android 4287472209 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(141, 162, 81) }
```

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

```
.border{ border-color:rgb(141, 162, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 162, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 162, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 162, 81);  
box-shadow:4px 4px 4px 4px rgb(141, 162,  
81) }
```

# Background

The CSS property to change the background color of an element to Android 4287472209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 162, 81) }
```

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

```
.background{ background-color: rgb(141,  
162, 81) }
```

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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