

# Converting Colors

Android(4287210651)

Have a look what the booklet for  
Android(4287210651) contains.

<b>Android(4287210651)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4287210651)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A49B
RGB	137, 164, 155
RGB Percent	54%, 64%, 61%
CMY	0.4627, 0.3569, 0.3922
CMYK	0.16, 0.00, 0.05, 0.36
HSL	160°, 13%, 59%
HSV	160°, 16%, 64%
XYZ	29.5084, 34.2358, 36.0633
YIQ	154.9010, -13.2030, -8.5230

# Conversions

## Conversions Part 2

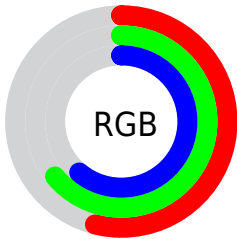
Format	Color
<a href="#">RYB</a>	<a href="#">137, 153, 164</a>
Decimal	<a href="#">9020571</a>
CIELab	<a href="#">65.15, -11.22, 1.54</a>
CIElCh	<a href="#">65, 11.324, 172.208</a>
Yxy	<a href="#">34.2358, 0.2957, 0.3430</a>
Android (android.graphics.Color)	<a href="#">4287210651</a> (0xFF89A49B)
YUV	<a href="#">154.9010, 0.0488, -15.6992</a>
Hunter-Lab	<a href="#">58.5114, -12.3741, 4.4148</a>

# Details

The Android color `4287210651` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4288973202`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4290763729`, and `4283920488` is the 20% darker color. If you saturate the color by 10%, you get `4286162070`, and if you desaturate by 10%, it is `4288259232`.

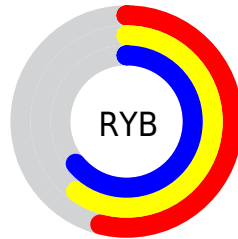
# Distribution



Red (54%)

Green (64%)

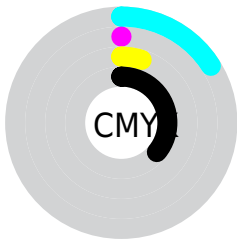
Blue (61%)



Red (54%)

Yellow (60%)

Blue (64%)

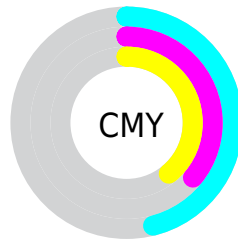


Cyan (16%)

Magenta (0%)

Yellow (5%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287210651 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 4287210651 by changing the saturation by 10% instead.



 4287210651

 4287210651

4294967295

 4285500033

 4290763729

 4283920488

 4292606190

 4282341456

 4294443007

 4280893497

 4279446052

 4278195982

 4278190080

 4287210651

 4287210651

 4286162070

 4288259232

 4285047952


 4289373350

 4283999371

 4290421931

 4282885253

 4291536049

 4281836672

 4292584630

 4280788090

 4293633212

 4279673973

 4294747329

 4278625391

 4294943943

 4278232173

 4294943948

# Harmonies

## Analogous

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



4287865745



4287210651



4286948517

# Triad

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



4287210651



4288519345



4289829262

# Complementary

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



4287210651



4288973202

# 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.



4290025623



4287210651



4289305003

# Square

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



4287210651



4287668402



4289828769



4289305738

# Rectangle

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



4287210651



4286948267



4289828769



4289960337



# Sweetspot

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



4287210651



4291548883



4287800457



4284836713



4293651435



4285229931



# Same Dimension

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



4287210651



4289451720



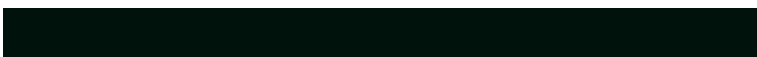
4287209636



4282995279



4278227297



4278194700



# Inverse Universe

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



4288973202



4292258746



4288974217



4283582796



4287692848



4279369734



# Previews

## White Background



This preview shows how the Android color 4287210651 looks on a white background.

## Color Contrast Check

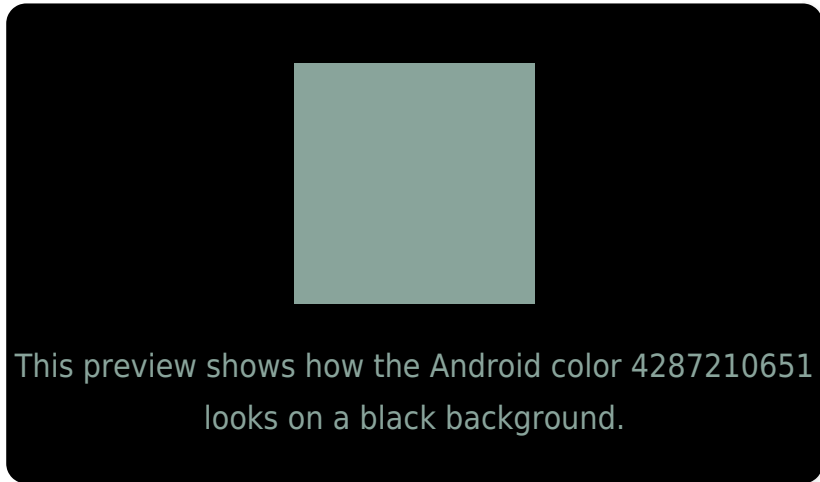
Large Text (above 18pt) WCAG AA × Fail

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

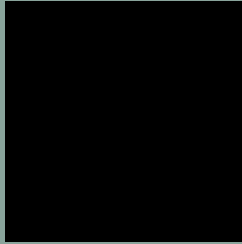
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4287210651 Background



This preview shows how black text looks on a background with the Android color 4287210651.



This preview shows how white text looks on a background with the Android color 4287210651.

# 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**  
4287210651

**Protanopia**  
4288847255

**Deuteranopia**  
4289567133



# Trichromacy



**Original Color**  
4287210651

**Protanomaly**  
4288258200

**Deuteranomaly**  
4288716188

**Tritanomaly**  
4287341223

# Monochromacy



**Original Color**  
4287210651

**Achromatopsia**  
4288387995

**Achromatomaly**  
4287930011

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287210651 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, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(137, 164, 155)  
}
```

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, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 164, 155) }
```

## Border

The CSS property to change the border of an element to Android 4287210651 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, 164, 155) }
```

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

```
.border{ border-color:rgb(137, 164, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 164, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(137, 164,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4287210651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 164, 155) }
```

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

```
.background{ background-color: rgb(137,  
164, 155) }
```

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