

# Converting Colors

Android(4287082355)

Have a look what the booklet for  
Android(4287082355) contains.

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# **Color**

**Android(4287082355)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87AF73
RGB	135, 175, 115
RGB Percent	53%, 69%, 45%
CMY	0.4706, 0.3137, 0.5490
CMYK	0.23, 0.00, 0.34, 0.31
HSL	100°, 27%, 57%
HSV	100°, 34%, 69%
XYZ	28.4162, 37.0486, 21.8731
YIQ	156.2000, -4.5800, -27.1400

# Conversions

## Conversions Part 2

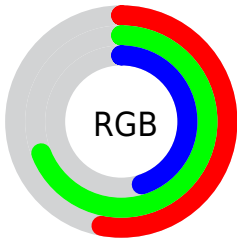
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 175, 155</a>
Decimal	<a href="#">8892275</a>
CIELab	<a href="#">67.31, -24.78, 26.51</a>
CIELCh	<a href="#">67, 36.287, 133.064</a>
Yxy	<a href="#">37.0486, 0.3254, 0.4242</a>
Android (android.graphics.Color)	<a href="#">4287082355 (0xFF87AF73)</a>
YUV	<a href="#">156.2000, -20.3116, -18.5924</a>
Hunter-Lab	<a href="#">60.8676, -23.1852, 21.3012</a>

# Details

The Android color `4287082355` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4288377775`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4290635687`, and `4283726402` is the 20% darker color. If you saturate the color by 10%, you get `4286295906`, and if you desaturate by 10%, it is `4287868805`.

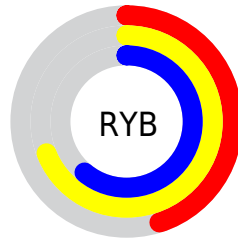
# Distribution



Red (53%)

Green (69%)

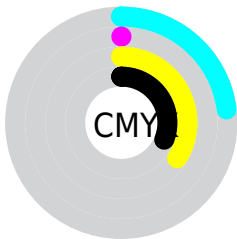
Blue (45%)



Red (45%)

Yellow (69%)

Blue (61%)

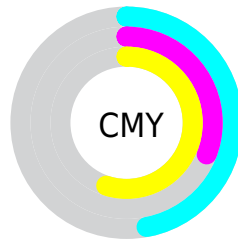


Cyan (23%)

Magenta (0%)

Yellow (34%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287082355 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 4287082355 by changing the saturation by 10% instead.





4287082355



4287082355

4294967295



4285371482



4290635687



4283726402



4292476867



4282081579



4294377439



4280502549



4294967292



4278989312



4278198016



4278190080



4287082355



4287082355



4286295906



4287868805

 4285574992

 4288589718

 4284788543

 4289376168


 4284002093

 4290162617

 4283281180

 4290883531

 4282494730

 4291669980

 4282035968

 4292456430

 4293177343

 4293963775

# Harmonies

## Analogous

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



4289439331



4287082355



4284396688

# Triad

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



4287082355



4283739362



4293168023

# Complementary

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



4287082355



4288377775

# 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.



4292382136



4287082355



4287406819

# Square

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



4287082355



4280202191



4290418388



4292776313

# Rectangle

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



4287082355



4282365350



4290418388



4293036706



# Sweetspot

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



4287082355



4292142028



4289698675



4285166437



4294111986



4285756275



# Same Dimension

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



4287082355



4289061766



4285771645



4283520846



4281505280



4278720256



# Inverse Universe

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



4288377775



4291069667



4289688485



4283715159



4284743830



4279173143



# Previews

## White Background



This preview shows how the Android color 4287082355 looks on a white background.

## Color Contrast Check

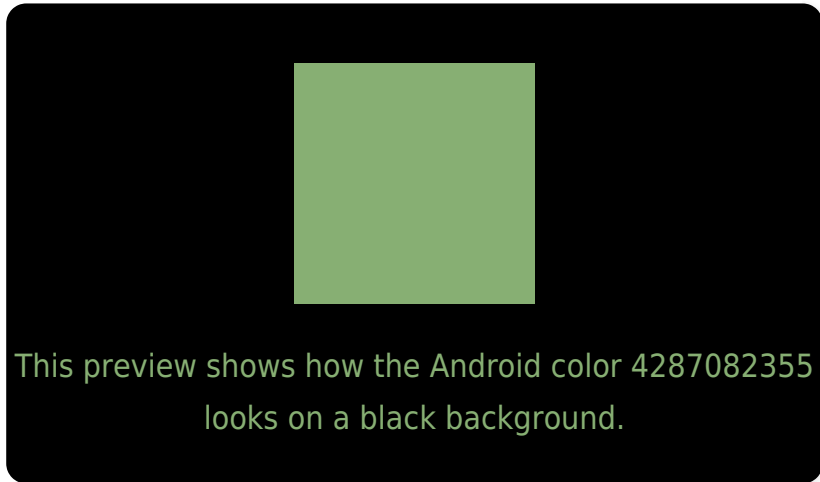
Large Text (above 18pt) WCAG AA × Fail

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 4287082355 Background



This preview shows how black text looks on a background with the Android color 4287082355.



This preview shows how white text looks on a background with the Android color 4287082355.

# 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**  
4287082355

**Protanopia**  
4289831790

**Deuteranopia**  
4290878839



**Tritanopia**  
4287735732

# Trichromacy



**Original Color**  
4287082355

**Protanomaly**  
4288849776

**Deuteranomaly**  
4289504374

**Tritanomaly**  
4287474332

# Monochromacy



**Original Color**  
4287082355

**Achromatopsia**  
4288453788

**Achromatomaly**  
4287931277

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287082355 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, 175, 115)` looks like.

```
.text, #text, p{  
    color:rgb(135, 175, 115)  
}
```

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, 175, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 175, 115) }
```

## Border

The CSS property to change the border of an element to Android 4287082355 is called "border". The border property can be set on classes, ids or directly on the HTML element.

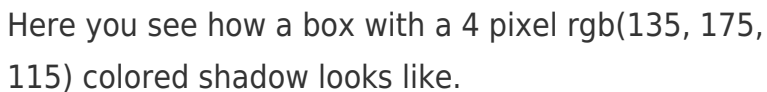
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 175, 115) }
```

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

```
.border{ border-color:rgb(135, 175, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 175, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 175, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 175, 115); box-shadow:4px 4px 4px 4px rgb(135, 175, 115) }
```

# Background

The CSS property to change the background color of an element to Android 4287082355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 175, 115) }
```

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

```
.background{ background-color: rgb(135,  
175, 115) }
```

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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