

# Converting Colors

Android(4286358899)

Have a look what the booklet for  
Android(4286358899) contains.

<b>Android(4286358899)</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(4286358899)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CA573
RGB	124, 165, 115
RGB Percent	49%, 65%, 45%
CMY	0.5137, 0.3529, 0.5490
CMYK	0.25, 0.00, 0.30, 0.35
HSL	109°, 22%, 55%
HSV	109°, 30%, 65%
XYZ	24.8618, 32.4332, 21.1695
YIQ	147.0410, -8.3860, -24.2420

# Conversions

## Conversions Part 2

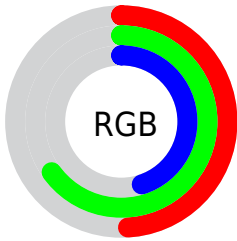
Format	Color
<a href="#">RYB</a>	<a href="#">115, 165, 156</a>
Decimal	<a href="#">8168819</a>
CIELab	<a href="#">63.70, -23.76, 21.55</a>
CIELCh	<a href="#">64, 32.079, 137.798</a>
Yxy	<a href="#">32.4332, 0.3169, 0.4133</a>
Android (android.graphics.Color)	<a href="#">4286358899 (0xFF7CA573)</a>
YUV	<a href="#">147.0410, -15.7962, -20.2070</a>
Hunter-Lab	<a href="#">56.9501, -21.7377, 17.8258</a>

# Details

The Android color **4286358899** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **4288443301**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4289846439**, and **4283068738** is the 20% darker color. If you saturate the color by 10%, you get **4285441378**, and if you desaturate by 10%, it is **4287276420**.

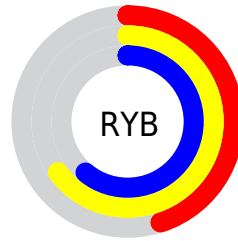
# Distribution



Red (49%)

Green (65%)

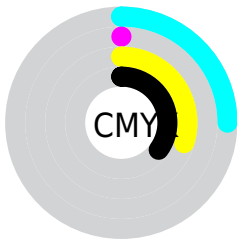
Blue (45%)



Red (45%)

Yellow (65%)

Blue (61%)

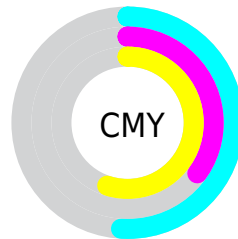


Cyan (25%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286358899 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 4286358899 by changing the saturation by 10% instead.





4286358899



4286358899

4294967295



4284648282



4289846439



4283068738



4291688899



4281489452



4293591007



4279910678



4294967291



4278528512



4278195456



4278190080



4286358899



4286358899



4285441378



4287276420

 4284589394

 4288128404

 4283671874

 4289045924


 4282819889

 4289897909

 4281902368

 4290815429

 4281050384

 4291667414

 4280198400

 4292584934

 4293436919

 4294354431

# Harmonies

## Analogous

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



4288454243



4286358899



4284066189

# Triad

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



4286358899



4284522962



4292052362

# Complementary

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



4286358899



4288443301

# 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.



4291528359



4286358899



4287469520

# Square

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



4286358899



4281903044



4289957313



4291595121

# Rectangle

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



4286358899



4282559137



4289957313



4291986580



# Sweetspot

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



4286358899



4291221187



4289043571



4284574559



4293651435



4285229931



# Same Dimension

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



4286358899



4288140937



4285769091



4283126345



4279931136



4278391296



# Inverse Universe

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



4288443301



4291332566



4289033109



4283451730



4285989009



4279173138



# Previews

## White Background



This preview shows how the Android color 4286358899 looks on a white background.

## Color Contrast Check

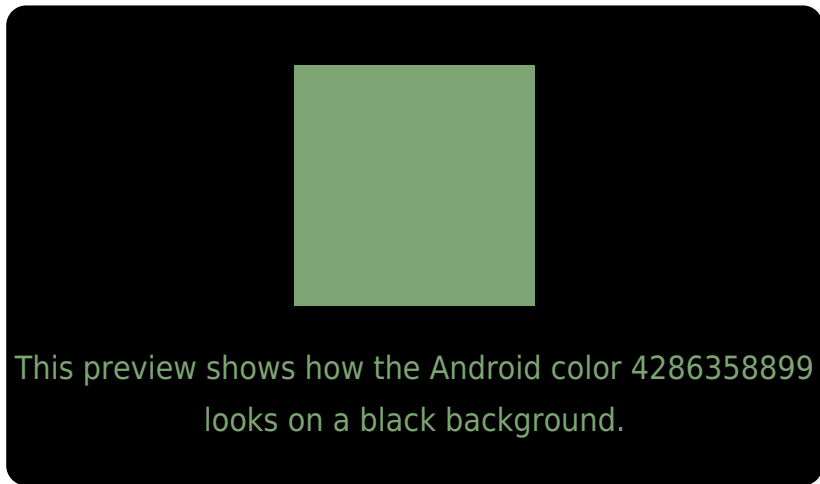
Large Text (above 18pt) WCAG AA × Fail

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 4286358899 Background



This preview shows how black text looks on a background with the Android color 4286358899.



This preview shows how white text looks on a background with the Android color 4286358899.

# 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**  
4286358899

**Protanopia**  
4289108590

**Deuteranopia**  
4290024567



# Trichromacy



**Original Color**  
4286358899

**Protanomaly**  
4288126576

**Deuteranomaly**  
4288715382

**Tritanomaly**  
4286751127

# Monochromacy



**Original Color**  
4286358899

**Achromatopsia**  
4287861651

**Achromatomaly**  
4287339143

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286358899 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(124, 165, 115)` looks like.

```
.text, #text, p{  
    color:rgb(124, 165, 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(124, 165, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 165, 115) }
```

## Border

The CSS property to change the border of an element to Android 4286358899 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(124, 165, 115) }
```

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

```
.border{ border-color:rgb(124, 165, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 165, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 165, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 165, 115);  
box-shadow:4px 4px 4px 4px rgb(124, 165,  
115) }
```

# Background

The CSS property to change the background color of an element to Android 4286358899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 165, 115) }
```

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

```
.background{ background-color: rgb(124,  
165, 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](#).



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