

# Converting Colors

Android(4286816631)

Have a look what the booklet for  
Android(4286816631) contains.

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# **Color**

**Android(4286816631)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83A177
RGB	131, 161, 119
RGB Percent	51%, 63%, 47%
CMY	0.4863, 0.3686, 0.5333
CMYK	0.19, 0.00, 0.26, 0.37
HSL	103°, 18%, 55%
HSV	103°, 26%, 63%
XYZ	25.4347, 31.6469, 22.2207
YIQ	147.2420, -4.3980, -19.4220

# Conversions

## Conversions Part 2

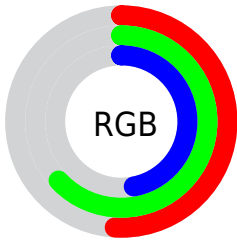
Format	Color
<a href="#">RYB</a>	<a href="#">119, 161, 149</a>
Decimal	<a href="#">8626551</a>
CIELab	<a href="#">63.05, -18.53, 18.54</a>
CIElCh	<a href="#">63, 26.213, 134.976</a>
Yxy	<a href="#">31.6469, 0.3207, 0.3991</a>
Android (android.graphics.Color)	<a href="#">4286816631 (0xFF83A177)</a>
YUV	<a href="#">147.2420, -13.9233, -14.2442</a>
Hunter-Lab	<a href="#">56.2556, -17.7426, 15.9597</a>

# Details

The Android color `4286816631` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4287985569`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4290304171`, and `4283526470` is the 20% darker color. If you saturate the color by 10%, you get `4286030183`, and if you desaturate by 10%, it is `4287603079`.

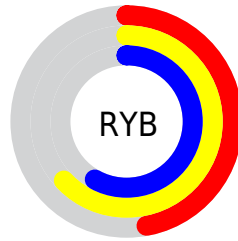
# Distribution



Red (51%)

Green (63%)

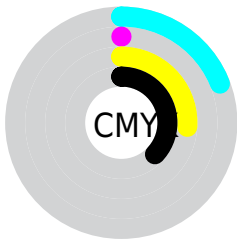
Blue (47%)



Red (47%)

Yellow (63%)

Blue (58%)

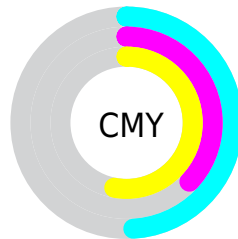


Cyan (19%)

Magenta (0%)

Yellow (26%)

Black (37%)



Cyan (49%)

Magenta (37%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286816631 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 4286816631 by changing the saturation by 10% instead.





4286816631



4286816631

4294967295



4285106014



4290304171



4283526470



4292146375



4281947440



4294049763



4280434202



4279117569



4278194944



4278190080



4286816631



4286816631



4286030183



4287603079

 4285309271

 4288323991

 4284588359

 4289110439

 4283801911

 4289831351

 4283015463

 4290617800

 4282294550

 4291338712

 4281508102

 4292125160

 4281245952

 4292846072

 4293632511

# Harmonies

## Analogous

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



4288519019



4286816631



4285048204

# Triad

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



4286816631



4285177541



4291332238

# Complementary

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



4286816631



4287985569

# 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.



4290742693



4286816631



4287403973

# Square

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



4286816631



4283671481



4289367994



4291005561

# Rectangle

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



4286816631



4284065436



4289367994



4291200917



# Sweetspot

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



4286816631



4291154368



4288779383



4284574046



4293454056



4285098345



# Same Dimension

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



4286816631



4288926096



4286030207



4283191881



4280979712



4278522368



# Inverse Universe

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



4287985569



4290744529



4288771993



4283386194



4285005969



4279042066



# Previews

## White Background



This preview shows how the Android color 4286816631 looks on a white background.

## Color Contrast Check

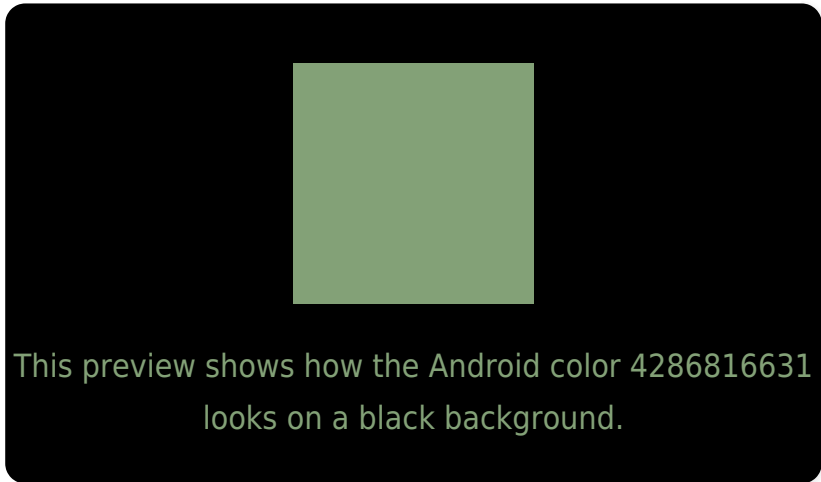
Large Text (above 18pt) WCAG AA × Fail

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 4286816631 Background



This preview shows how black text looks on a background with the Android color 4286816631.



This preview shows how white text looks on a background with the Android color 4286816631.

# 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](#).

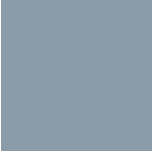
## Dichromacy



**Original Color**  
4286816631

**Protanopia**  
4288911475

**Deuteranopia**  
4289827450



**Tritanopia**  
4287339431

# Trichromacy



**Original Color**  
4286816631

**Protanomaly**  
4288125812

**Deuteranomaly**  
4288714617

**Tritanomaly**  
4287143318

# Monochromacy



**Original Color**  
4286816631

**Achromatopsia**  
4287861651

**Achromatomaly**  
4287469705

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286816631 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(131, 161, 119)` looks like.

```
.text, #text, p{  
    color:rgb(131, 161, 119)  
}
```

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(131, 161, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 161, 119) }
```

## Border

The CSS property to change the border of an element to Android 4286816631 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(131, 161, 119) }
```

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

```
.border{ border-color:rgb(131, 161, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 161, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 161, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 161, 119);  
box-shadow:4px 4px 4px 4px rgb(131, 161,  
119) }
```

# Background

The CSS property to change the background color of an element to Android 4286816631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 161, 119) }
```

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

```
.background{ background-color: rgb(131,  
161, 119) }
```

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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