

# Converting Colors

Android(4285831778)

Have a look what the booklet for  
Android(4285831778) contains.

<b>Android(4285831778)</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(4285831778)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	749A62
RGB	116, 154, 98
RGB Percent	45%, 60%, 38%
CMY	0.5451, 0.3961, 0.6157
CMYK	0.25, 0.00, 0.36, 0.40
HSL	101°, 22%, 49%
HSV	101°, 36%, 60%
XYZ	20.9627, 27.7060, 15.7982
YIQ	136.2540, -4.6720, -25.4720

# Conversions

## Conversions Part 2

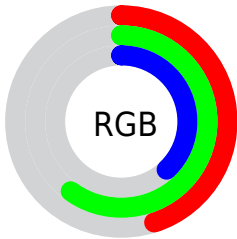
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 154, 136
Decimal	7641698
CIELab	59.62, -23.87, 25.29
CIELCh	60, 34.772, 133.342
Yxy	27.7060, 0.3252, 0.4298
Android (android.graphics.Color)	4285831778 (0xFF749A62)
YUV	136.2540, -18.8592, -17.7628
Hunter-Lab	52.6365, -21.0258, 19.0504

# Details

The Android color `4285831778` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4287128218`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4289319317`, and `4282541874` is the 20% darker color. If you saturate the color by 10%, you get `4285176403`, and if you desaturate by 10%, it is `4286487153`.

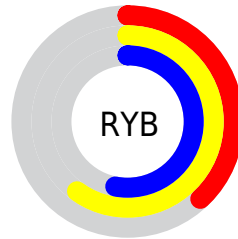
# Distribution



Red (45%)

Green (60%)

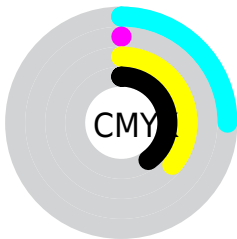
Blue (38%)



Red (38%)

Yellow (60%)

Blue (53%)

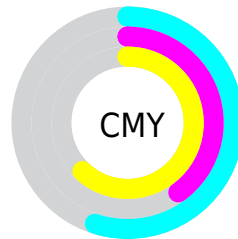


Cyan (25%)

Magenta (0%)

Yellow (36%)

Black (40%)



Cyan (55%)

Magenta (40%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285831778 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 4285831778 by changing the saturation by 10% instead.





4285831778



4285831778

4294967295



4284186698



4289319317



4282541874



4291161520



4280962588



4293001164



4279383812



4294901736



4278198784



4278190080



4285831778



4285831778



4285176403



4286487153



4284455491



4287208065

 4283800116


 4287863440

 4283079204

 4288584352

 4282423829

 4289239727


 4281702918

 4289960638

 4281440768

 4290616014

 4291336925

 4291992301

# Harmonies

## Analogous

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



4288057939



4285831778



4283211645

# Triad

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



4285831778



4282554570



4291524739

# Complementary

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



4285831778



4287128218

# 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.



4290804386



4285831778



4286156491

# Square

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



4285831778



4278230713



4288971708



4291133031

# Rectangle

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



4285831778



4281114770



4288971708



4291393421



# Sweetspot

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



4285831778



4290431411



4288317282



4284311129



4293322470



4284900966



# Same Dimension

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



4285831778



4287482225



4284652139



4282862917



4281175040



4278455552



# Inverse Universe

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



4287128218



4289556937



4288307857



4283057485



4284416140



4278779917



# Previews

## White Background



This preview shows how the Android color 4285831778 looks on a white background.

## Color Contrast Check

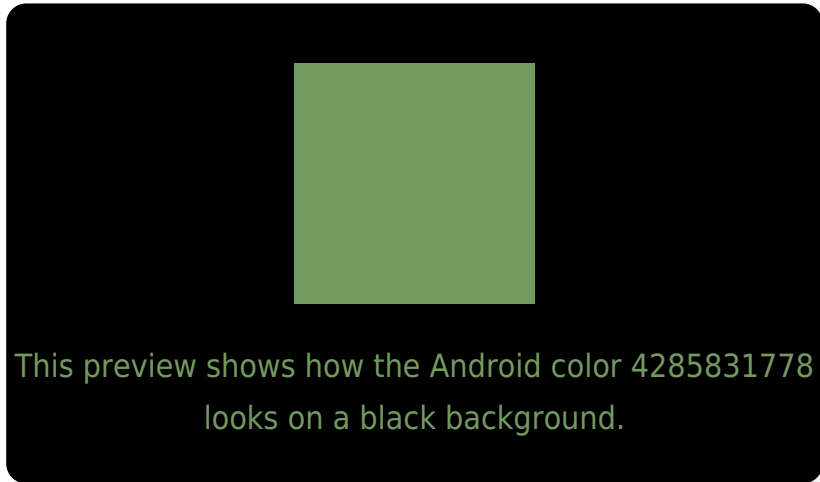
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4285831778 Background



This preview shows how black text looks on a background with the Android color 4285831778.



This preview shows how white text looks on a background with the Android color 4285831778.

# 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**  
4285831778

**Protanopia**  
4288450398

**Deuteranopia**  
4289366374



# Trichromacy



**Original Color**  
4285831778

**Protanomaly**  
4287468383

**Deuteranomaly**  
4288057189

**Tritanomaly**  
4286224008

# Monochromacy



**Original Color**  
4285831778

**Achromatopsia**  
4287137928

**Achromatomaly**  
4286680954

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285831778 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(116, 154, 98)` looks like.

```
.text, #text, p{  
    color:rgb(116, 154, 98)  
}
```

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(116, 154, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 154, 98) }
```

## Border

The CSS property to change the border of an element to Android 4285831778 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(116, 154, 98) }
```

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

```
.border{ border-color:rgb(116, 154, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 154, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 154, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 154, 98);  
box-shadow:4px 4px 4px 4px rgb(116, 154,  
98) }
```

# Background

The CSS property to change the background color of an element to Android 4285831778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 154, 98) }
```

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

```
.background{ background-color: rgb(116,  
154, 98) }
```

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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