

# Converting Colors

Android(4285900949)

Have a look what the booklet for  
Android(4285900949) contains.

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# **Color**

**Android(4285900949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75A895
RGB	117, 168, 149
RGB Percent	46%, 66%, 58%
CMY	0.5412, 0.3412, 0.4157
CMYK	0.30, 0.00, 0.11, 0.34
HSL	158°, 23%, 56%
HSV	158°, 30%, 66%
XYZ	26.7636, 33.9571, 33.5776
YIQ	150.5850, -24.2970, -16.7210

# Conversions

## Conversions Part 2

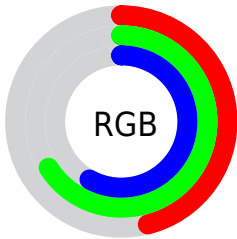
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 148, 168
Decimal	7710869
CIELab	64.93, -21.11, 4.41
CIELCh	65, 21.564, 168.200
Yxy	33.9571, 0.2838, 0.3601
Android (android.graphics.Color)	4285900949 (0xFF75A895)
YUV	150.5850, -0.7814, -29.4540
Hunter-Lab	58.2727, -19.9956, 6.6272

# Details

The Android color `4285900949` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4289230216`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4289388491`, and `4282545250` is the 20% darker color. If you saturate the color by 10%, you get `4284786831`, and if you desaturate by 10%, it is `4287015067`.

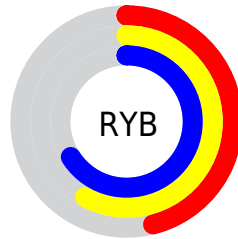
# Distribution



Red (46%)

Green (66%)

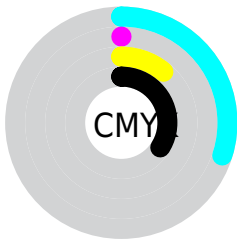
Blue (58%)



Red (46%)

Yellow (58%)

Blue (66%)

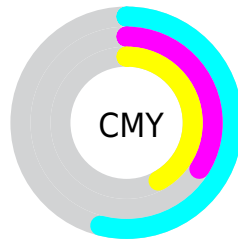


Cyan (30%)

Magenta (0%)

Yellow (11%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285900949 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 4285900949 by changing the saturation by 10% instead.





4285900949



4285900949

4294967295



4284190075



4289388491



4282545250



4291230951



4280965963



4293066751



4279255860



4278201631



4278196742



4278190080



4285900949



4285900949



4284786831




4287015067

 4283672712

 4288129186

 4282624130

 4289177768

 4281510012

 4290291886

 4280395894

 4291406004

 4279281775

 4292520123

 4278233193

 4293634241

 4294682823

 4294944973

# Harmonies

## Analogous

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



4287276419



4285900949



4285049001

# Triad

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



4285900949



4288125890



4290876546

# Complementary

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



4285900949



4289230216

# 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.



4291137682



4285900949



4289697207

# Square

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



4285900949



4286423747



4290744486



4289960568

# Rectangle

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



4285900949



4284983221



4290744486



4291007111



# Sweetspot

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



4285900949



4291353556



4287211637



4284640873



4293783021



4285427310



# Same Dimension

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



4285900949



4287421374



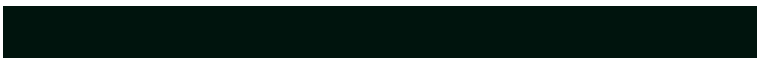
4285899432



4283192401



4278228061



4278195213



# Inverse Universe

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



4289230216



4292578474



4289231733



4283714639



4287889463



4279500808



# Previews

## White Background



This preview shows how the Android color 4285900949 looks on a white background.

## Color Contrast Check

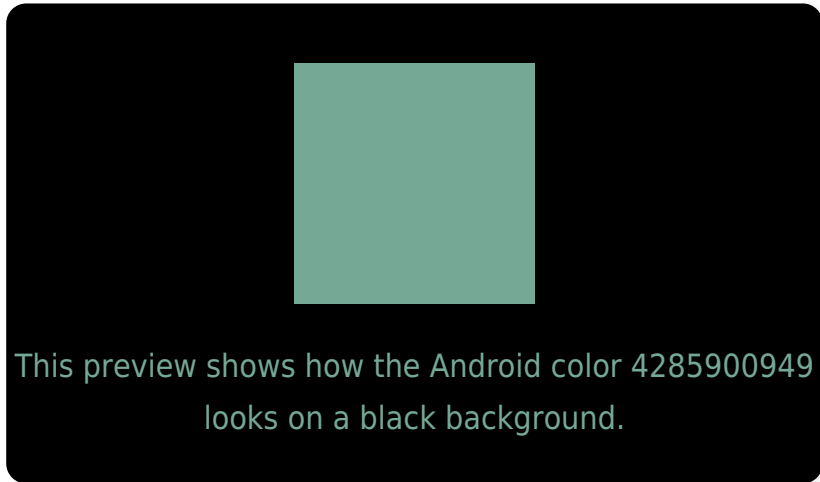
Large Text (above 18pt) WCAG AA × Fail

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

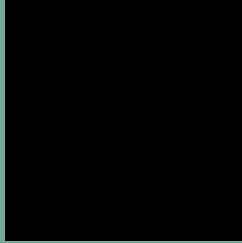
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4285900949 Background



This preview shows how black text looks on a background with the Android color 4285900949.

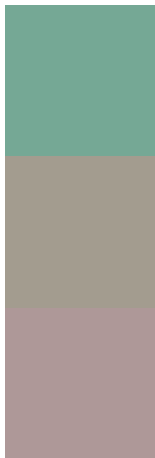


This preview shows how white text looks on a background with the Android color 4285900949.

# 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**  
4285900949

**Protanopia**  
4288912527

**Deuteranopia**  
4289632408



# Trichromacy



**Original Color**  
4285900949

**Protanomaly**  
4287799441

**Deuteranomaly**  
4288257687

**Tritanomaly**  
4286162343

# Monochromacy



**Original Color**  
4285900949

**Achromatopsia**  
4288124823

**Achromatomaly**  
4287339926

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285900949 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(117, 168, 149)` looks like.

```
.text, #text, p{  
    color:rgb(117, 168, 149)  
}
```

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(117, 168, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 168, 149) }
```

## Border

The CSS property to change the border of an element to Android 4285900949 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(117, 168, 149) }
```

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

```
.border{ border-color:rgb(117, 168, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 168, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 168, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 168, 149);  
box-shadow:4px 4px 4px 4px rgb(117, 168,  
149) }
```

# Background

The CSS property to change the background color of an element to Android 4285900949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 168, 149) }
```

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

```
.background{ background-color: rgb(117,  
168, 149) }
```

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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