

# Converting Colors

Android(4285375102)

Have a look what the booklet for  
Android(4285375102) contains.

<b>Android(4285375102)</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(4285375102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DA27E
RGB	109, 162, 126
RGB Percent	43%, 64%, 49%
CMY	0.5725, 0.3647, 0.5059
CMYK	0.33, 0.00, 0.22, 0.36
HSL	139°, 22%, 53%
HSV	139°, 33%, 64%
XYZ	22.9929, 30.5982, 24.4329
YIQ	142.0490, -20.0320, -22.4320

# Conversions

## Conversions Part 2

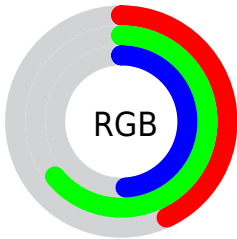
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 149, 162</a>
Decimal	<a href="#">7185022</a>
CIELab	<a href="#">62.17, -25.38, 13.24</a>
CIELCh	<a href="#">62, 28.625, 152.459</a>
Yxy	<a href="#">30.5982, 0.2947, 0.3922</a>
Android (android.graphics.Color)	<a href="#">4285375102 (0xFF6DA27E)</a>
YUV	<a href="#">142.0490, -7.9122, -28.9840</a>
Hunter-Lab	<a href="#">55.3157, -22.6058, 12.5326</a>

# Details

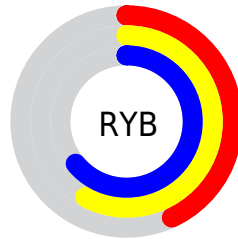
The Android color `4285375102` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4288834961`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4288862643`, and `4282084941` is the 20% darker color. If you saturate the color by 10%, you get `4284326515`, and if you desaturate by 10%, it is `4286423689`.

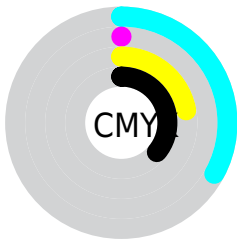
# Distribution



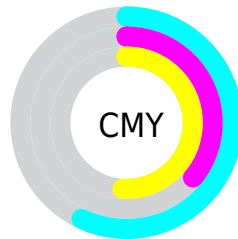
- Red (43%)
- Green (64%)
- Blue (49%)



- Red (43%)
- Yellow (58%)
- Blue (64%)



- Cyan (33%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)



- Cyan (57%)
- Magenta (36%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285375102 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 4285375102 by changing the saturation by 10% instead.





4285375102



4285375102

4294967295



4283730021



4288862643



4282084941



4290705102



4280440118



4292542443



4278599200



4294443007



4278200074



4278193664



4278190080



4285375102



4285375102



4284326515




4286423689

 4283277928

 4287472276

 4282163805

 4288586399


 4281115218

 4289634986

 4280066631

 4290683573

 4279018044

 4291732160

 4278231604

 4292780747

 4293894870

 4294943457

# Harmonies

## Analogous

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



4287339883



4285375102



4283475096

# Triad

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



4285375102



4286093513



4291266172

# Complementary

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



4285375102



4288834961

# 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.



4291265429



4285375102



4288450497

# Square

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



4285375102



4283670467



4290283438



4290481514

# Rectangle

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



4285375102



4282688681



4290283438



4291396740



# Sweetspot

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



4285375102



4290696389



4287734381



4284377954



4293651435



4285229931



# Same Dimension

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



4285375102



4286698652



4285375128



4282995276



4278227247



4278194694



# Inverse Universe

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



4288834961



4292116921



4288834935



4283582799



4287692899



4279369740



# Previews

## White Background



This preview shows how the Android color 4285375102 looks on a white background.

## Color Contrast Check

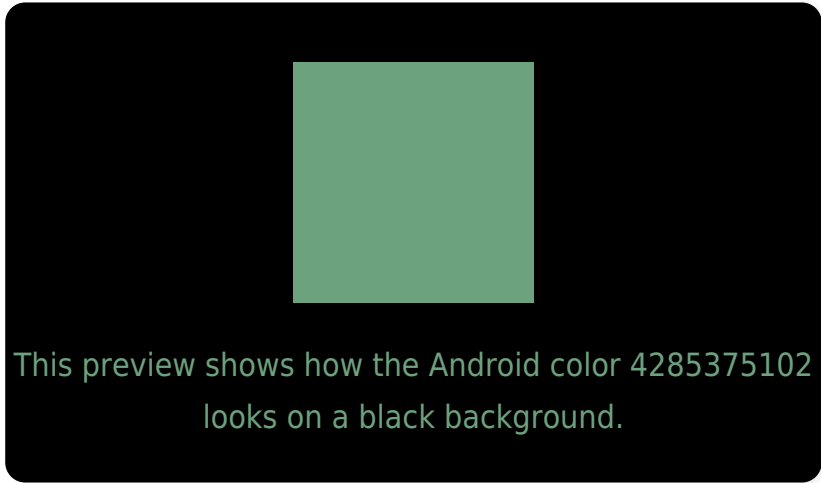
Large Text (above 18pt) WCAG AA × Fail

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 4285375102 Background



This preview shows how black text looks on a background with the Android color 4285375102.



This preview shows how white text looks on a background with the Android color 4285375102.

# 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**  
4285375102

**Protanopia**  
4288648568

**Deuteranopia**  
4289433730



# Trichromacy



**Original Color**  
4285375102

**Protanomaly**  
4287470202

**Deuteranomaly**  
4287928193

**Tritanomaly**  
4285767321

# Monochromacy



**Original Color**  
4285375102

**Achromatopsia**  
4287532686

**Achromatomaly**  
4286748040

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285375102 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(109, 162, 126)` looks like.

```
.text, #text, p{  
    color:rgb(109, 162, 126)  
}
```

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(109, 162, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 162, 126) }
```

## Border

The CSS property to change the border of an element to Android 4285375102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

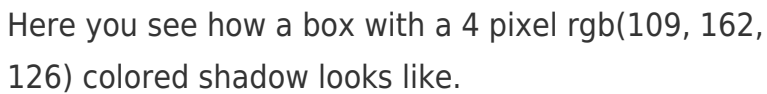
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 162, 126) }
```

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

```
.border{ border-color:rgb(109, 162, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 162, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 162, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 162, 126); box-shadow:4px 4px 4px 4px rgb(109, 162, 126) }
```

# Background

The CSS property to change the background color of an element to Android 4285375102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 162, 126) }
```

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

```
.background{ background-color: rgb(109,  
162, 126) }
```

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