

# Converting Colors

Android(4283867248)

Have a look what the booklet for  
Android(4283867248) contains.

<b>Android(4283867248)</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(4283867248)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56A070
RGB	86, 160, 112
RGB Percent	34%, 63%, 44%
CMY	0.6627, 0.3725, 0.5608
CMYK	0.46, 0.00, 0.30, 0.37
HSL	141°, 30%, 48%
HSV	141°, 46%, 63%
XYZ	19.3332, 28.2899, 19.7708
YIQ	132.4020, -28.6960, -30.6160

# Conversions

## Conversions Part 2

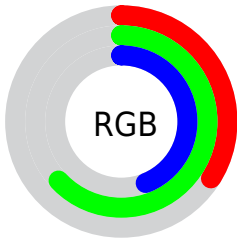
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 141, 160
Decimal	5677168
CIELab	60.15, -34.18, 18.04
CIElCh	60, 38.647, 152.175
Yxy	28.2899, 0.2869, 0.4198
Android (android.graphics.Color)	4283867248 (0xFF56A070)
YUV	132.4020, -10.0582, -40.6946
Hunter-Lab	53.1882, -28.1972, 15.1929

# Details

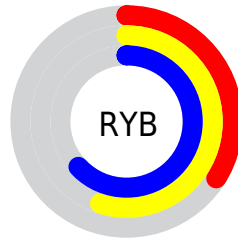
The Android color `4283867248` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4288697990`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4287420324`, and `4280249408` is the 20% darker color. If you saturate the color by 10%, you get `4282818662`, and if you desaturate by 10%, it is `4284915834`.

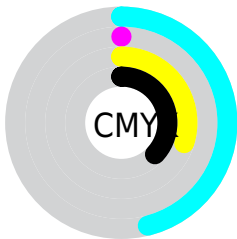
# Distribution



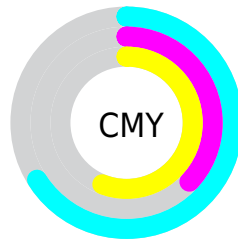
- Red (34%)
- Green (63%)
- Blue (44%)



- Red (34%)
- Yellow (55%)
- Blue (63%)



- Cyan (46%)
- Magenta (0%)
- Yellow (30%)
- Black (37%)



- Cyan (66%)
- Magenta (37%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283867248 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 4283867248 by changing the saturation by 10% instead.





4283867248



4283867248

4294967295



4282090839



4287420324



4280249408



4289197247



4278211369



4291035099



4278205204



4292935672



4278199808



4294836223



4278190336



4278190080



4283867248




4283867248



4282818662



4284915834

 4281770075

 4285964421

 4280721489

 4287013007

 4279672902

 4288061594

 4278624316

 4289110180

 4278231096

 4290158766

 4291207353

 4292255939

 4293304525

# Harmonies

## Analogous

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



4286618198



4283867248



4279214994

# Triad

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



4283867248



4284454101



4291852654

# Complementary

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



4283867248



4288697990

# 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.



4291851664



4283867248



4288120779

# Square

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



4283867248



4278230476



4290673585



4290806869

# Rectangle

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



4283867248



4278231978



4290673585



4291983225



# Sweetspot

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



4283867248



4290040254



4287012950



4283918685



4293454056



4285098345



# Same Dimension

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



4283867248



4284273029



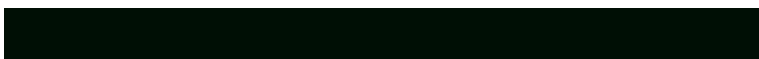
4283867285



4282863434



4278226738



4278193925



# Inverse Universe

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



4288697990



4291910824



4288697953



4283385676



4287561821



4279173130



# Previews

## White Background



This preview shows how the Android color 4283867248 looks on a white background.

## Color Contrast Check

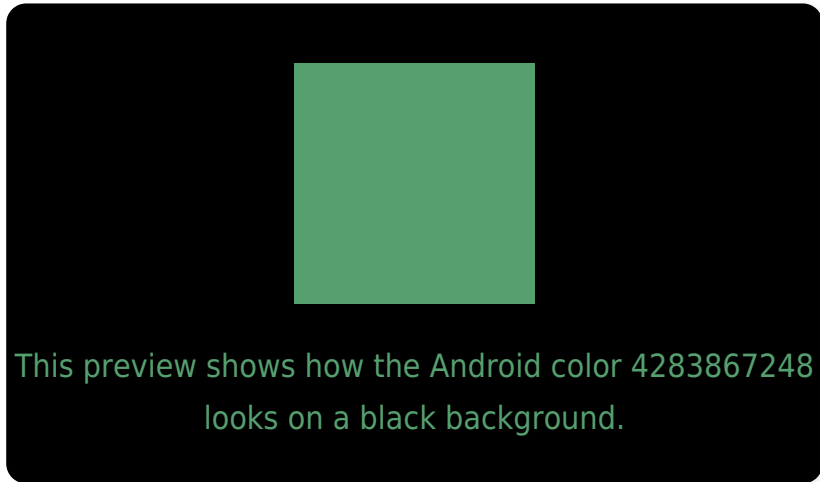
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283867248 Background



This preview shows how black text looks on a background with the Android color 4283867248.



This preview shows how white text looks on a background with the Android color 4283867248.

# 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





# Trichromacy



**Original Color**  
4283867248

**Protanomaly**  
4286748268

**Deuteranomaly**  
4287271795

**Tritanomaly**  
4284390546

# Monochromacy



**Original Color**  
4283867248

**Achromatopsia**  
4286874756

**Achromatomaly**  
4285763197

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283867248 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(86, 160, 112)` looks like.

```
.text, #text, p{  
    color:rgb(86, 160, 112)  
}
```

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(86, 160, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 160, 112) }
```

## Border

The CSS property to change the border of an element to Android 4283867248 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(86, 160, 112) }
```

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

```
.border{ border-color:rgb(86, 160, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 160, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 160, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 160, 112);  
box-shadow:4px 4px 4px 4px rgb(86, 160,  
112) }
```

# Background

The CSS property to change the background color of an element to Android 4283867248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 160, 112) }
```

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

```
.background{ background-color: rgb(86, 160,  
112) }
```

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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