

# Converting Colors

Android(4284187967)

Have a look what the booklet for  
Android(4284187967) contains.

<b>Android(4284187967)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4284187967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B853F
RGB	91, 133, 63
RGB Percent	36%, 52%, 25%
CMY	0.6431, 0.4784, 0.7529
CMYK	0.32, 0.00, 0.53, 0.48
HSL	96°, 36%, 38%
HSV	96°, 53%, 52%
XYZ	13.5991, 19.3581, 7.7224
YIQ	112.4620, -2.5620, -30.6740

# Conversions

## Conversions Part 2

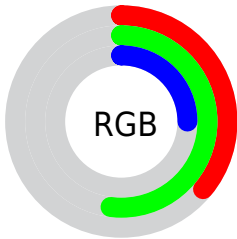
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 133, 105
Decimal	5997887
CIELab	51.10, -27.73, 32.91
CIELCh	51, 43.032, 130.114
Yxy	19.3581, 0.3343, 0.4759
Android (android.graphics.Color)	4284187967 (0xFF5B853F)
YUV	112.4620, -24.3848, -18.8222
Hunter-Lab	43.9978, -21.8243, 20.3921

# Details

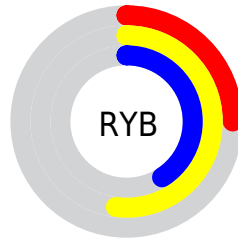
The Android color `4284187967` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4285087621`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4287609456`, and `4280898319` is the 20% darker color. If you saturate the color by 10%, you get `4283663666`, and if you desaturate by 10%, it is `4284712268`.

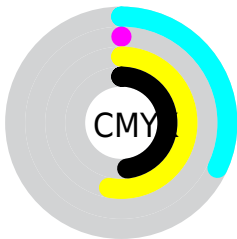
# Distribution



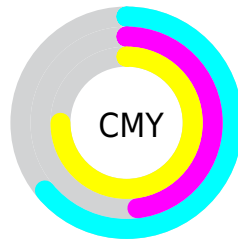
- Red (36%)
- Green (52%)
- Blue (25%)



- Red (25%)
- Yellow (52%)
- Blue (41%)



- Cyan (32%)
- Magenta (0%)
- Yellow (53%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284187967 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 4284187967 by changing the saturation by 10% instead.





4284187967



4284187967

4294967295



4282543143



4287609456



4280898319



4289386122



4279319552



4291228581



4278199808



4293132225



4278192128



4294967261



4278190080



4294967289



4284187967



4284187967



4283663666



4284712268

■ 4283139364

■ 4285236570

■ 4282615063

■ 4285760871

■ 4282090762

■ 4286285172

■ 4281697536

■ 4286809474

■ 4287333775

■ 4287858076

■ 4288382377

■ 4288906679

# Harmonies

## Analogous

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



4286807085



4284187967



4280060511

# Triad

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



4284187967



4278224062



4290665071

# Complementary

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



4284187967



4285087621

# 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.



4289748628



4284187967



4283398594

# Square

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



4284187967



4278225576



4287458226



4290273612

# Rectangle

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



4284187967



4278226041



4287458226



4290534011



# Sweetspot

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



4284187967



4288523666



4286933311



4283258694



4292269782



4283914071



# Same Dimension

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



4284187967



4285312320



4282352966



4282270268



4281631232



4278256384



# Inverse Universe

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



4285087621



4286726317



4286922622



4282399810



4283302018



4278321155



# Previews

## White Background



This preview shows how the Android color 4284187967 looks on a white background.

## Color Contrast Check

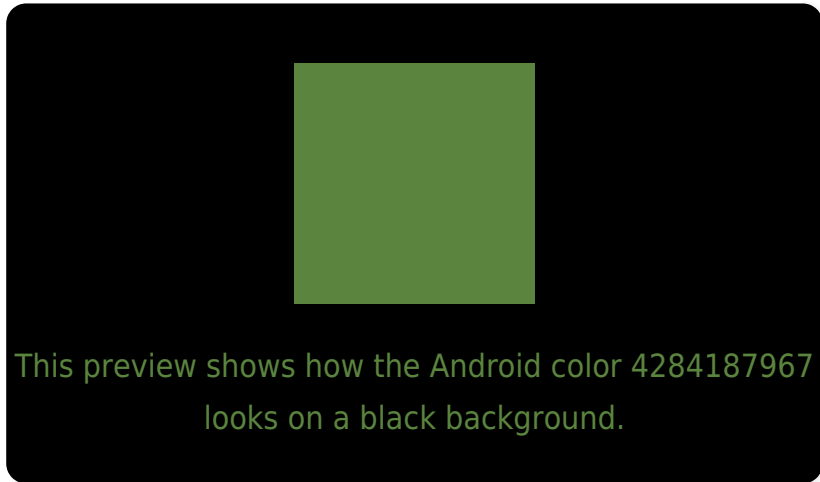
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284187967 Background



This preview shows how black text looks on a background with the Android color 4284187967.



This preview shows how white text looks on a background with the Android color 4284187967.

# 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**  
4284187967

**Protanopia**  
4287002939

**Deuteranopia**  
4287919171



# Trichromacy



**Original Color**  
4284187967

**Protanomaly**  
4285955388

**Deuteranomaly**  
4286544450

**Tritanomaly**  
4284645485

# Monochromacy



**Original Color**  
4284187967

**Achromatopsia**  
4285558896

**Achromatomaly**  
4285036638

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284187967 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(91, 133, 63)` looks like.

```
.text, #text, p{  
    color:rgb(91, 133, 63)  
}
```

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(91, 133, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 133, 63) }
```

## Border

The CSS property to change the border of an element to Android 4284187967 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(91, 133, 63) }
```

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

```
.border{ border-color:rgb(91, 133, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 133, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 133, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 133, 63);  
box-shadow:4px 4px 4px 4px rgb(91, 133,  
63) }
```

# Background

The CSS property to change the background color of an element to Android 4284187967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 133, 63) }
```

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

```
.background{ background-color: rgb(91, 133,  
63) }
```

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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