

# Converting Colors

Android(4285967440)

Have a look what the booklet for  
Android(4285967440) contains.

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# **Color**

**Android(4285967440)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76AC50
RGB	118, 172, 80
RGB Percent	46%, 67%, 31%
CMY	0.5373, 0.3255, 0.6863
CMYK	0.31, 0.00, 0.53, 0.33
HSL	95°, 37%, 49%
HSV	95°, 53%, 67%
XYZ	23.6717, 33.9358, 12.8920
YIQ	145.3660, -2.6520, -40.0600

# Conversions

## Conversions Part 2

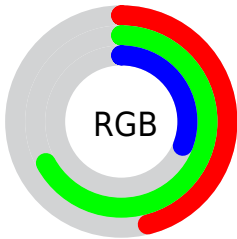
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 172, 134
Decimal	7777360
CIELab	64.91, -34.17, 41.29
CIElCh	65, 53.601, 129.611
Yxy	33.9358, 0.3358, 0.4814
Android (android.graphics.Color)	4285967440 (0xFF76AC50)
YUV	145.3660, -32.2254, -24.0000
Hunter-Lab	58.2544, -29.4117, 27.6569

# Details

The Android color `4285967440` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4286992556`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4289586308`, and `4282480414` is the 20% darker color. If you saturate the color by 10%, you get `4285312063`, and if you desaturate by 10%, it is `4286622817`.

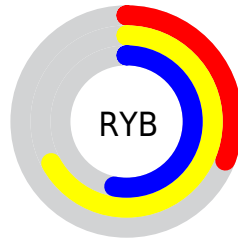
# Distribution



Red (46%)

Green (67%)

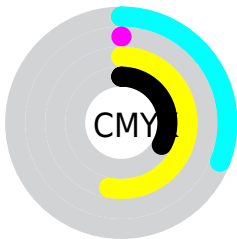
Blue (31%)



Red (31%)

Yellow (67%)

Blue (53%)

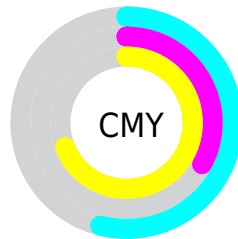


Cyan (31%)

Magenta (0%)

Yellow (53%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285967440 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 4285967440 by changing the saturation by 10% instead.





4285967440



4285967440

4294967295



4284256567



4289586308



4282480414



4291428254



4280770048



4293328826



4278797824



4294967254



4278202112



4294967283



4278196736



4278190080



4285967440



4285967440



4285312063



4286622817

 4284656686

 4287278194

 4284001308

 4287933572

 4283345931

 4288588949


 4282887168

 4289244326

 4289965239

 4290620616

 4291275994

 4291931371

# Harmonies

## Analogous

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



4289372217



4285967440



4280333178

# Triad

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



4285967440



4278234359



4294341520

# Complementary

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



4285967440



4286992556

# 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.



4293163456



4285967440



4284653308

# Square

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



4285967440



4278236121



4290087912



4293885283

# Rectangle

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



4285967440



4278236571



4290087912



4294144928



# Sweetspot

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



4285967440



4291551420



4289496656



4284772443



4293980400



4285558896



# Same Dimension

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



4285967440



4287422545



4283477080



4283586382



4282291712



4278785792



# Inverse Universe

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



4286992556



4289024480



4289482916



4283649623



4283957398



4279042071



# Previews

## White Background



This preview shows how the Android color 4285967440 looks on a white background.

## Color Contrast Check

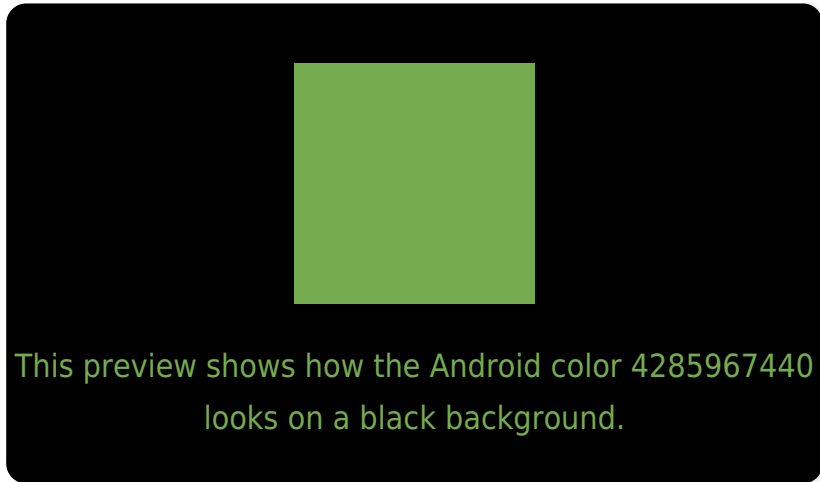
Large Text (above 18pt) WCAG AA × Fail

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 4285967440 Background



This preview shows how black text looks on a background with the Android color 4285967440.



This preview shows how white text looks on a background with the Android color 4285967440.

# 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**  
4285967440

**Protanomaly**  
4288324173

**Deuteranomaly**  
4289044052

**Tritanomaly**  
4286555788

# Monochromacy



**Original Color**  
4285967440

**Achromatopsia**  
4287730065

**Achromatomaly**  
4287077241

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285967440 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(118, 172, 80)` looks like.

```
.text, #text, p{  
    color:rgb(118, 172, 80)  
}
```

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(118, 172, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 172, 80) }
```

## Border

The CSS property to change the border of an element to Android 4285967440 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(118, 172, 80) }
```

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

```
.border{ border-color:rgb(118, 172, 80) }
```

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

Here you see how a box with a 4 pixel rgb(118, 172, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 172, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 172, 80);  
box-shadow:4px 4px 4px 4px rgb(118, 172,  
80) }
```

# Background

The CSS property to change the background color of an element to Android 4285967440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 172, 80) }
```

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

```
.background{ background-color: rgb(118,  
172, 80) }
```

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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