

# Converting Colors

Android(4285248069)

Have a look what the booklet for  
Android(4285248069) contains.

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# **Color**

**Android(4285248069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BB245
RGB	107, 178, 69
RGB Percent	42%, 70%, 27%
CMY	0.5804, 0.3020, 0.7294
CMYK	0.40, 0.00, 0.61, 0.30
HSL	99°, 44%, 48%
HSV	99°, 61%, 70%
XYZ	23.0580, 35.3963, 11.2471
YIQ	144.3450, -7.3270, -48.9510

# Conversions

## Conversions Part 2

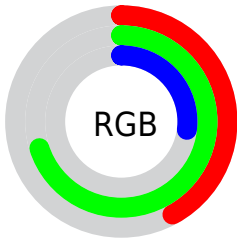
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">69, 178, 140</a>
Decimal	<a href="#">7057989</a>
CIELab	<a href="#">66.06, -41.85, 47.64</a>
CIELCh	<a href="#">66, 63.408, 131.301</a>
Yxy	<a href="#">35.3963, 0.3308, 0.5078</a>
Android (android.graphics.Color)	<a href="#">4285248069 (0xFF6BB245)</a>
YUV	<a href="#">144.3450, -37.1451, -32.7516</a>
Hunter-Lab	<a href="#">59.4948, -34.9358, 30.4379</a>

# Details

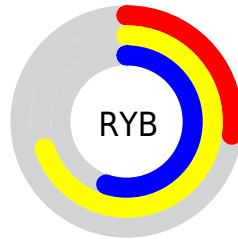
The Android color `4285248069` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4287382962`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4288932473`, and `4281564428` is the 20% darker color. If you saturate the color by 10%, you get `4284461619`, and if you desaturate by 10%, it is `4286034519`.

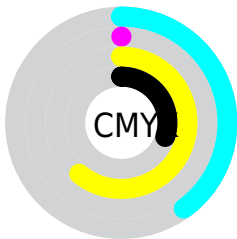
# Distribution



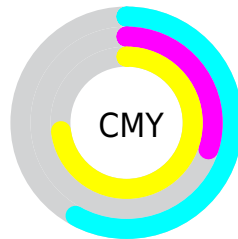
- Red (42%)
- Green (70%)
- Blue (27%)



- Red (27%)
- Yellow (70%)
- Blue (55%)



- Cyan (40%)
- Magenta (0%)
- Yellow (61%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285248069 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 4285248069 by changing the saturation by 10% instead.





4285248069



4285248069

4294967295



4283471659



4288932473



4281564428



4290772884



4279395072



4292673455



4278209280



4294574028



4278203136



4294967272



4278197504



4278190080



4285248069



4285248069



4284461619



4286034519

 4283740705

 4286755433

 4282954256

 4287541882


 4282298880

 4288262796

 4289049246

 4289835696

 4290556610

 4291343059

 4292063973

# Harmonies

## Analogous

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



4289373474



4285248069



4278237562

# Triad

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



4285248069



4278235647



4294929293

# Complementary

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



4285248069



4287382962

# 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.



4294275526



4285248069



4283801855

# Square

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



4285248069



4278237674



4290742519



4294802008

# Rectangle

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



4285248069



4278238369



4290742519



4294929056



# Sweetspot

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



4285248069



4291684542



4289891397



4284773723



4294309365



4285887861



# Same Dimension

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



4285248069



4286244927



4282757717



4283652432



4281702656



4278786560



# Inverse Universe

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



4287382962



4289544168



4289873314



4283846745



4284743833



4279304218



# Previews

## White Background



This preview shows how the Android color 4285248069 looks on a white background.

## Color Contrast Check

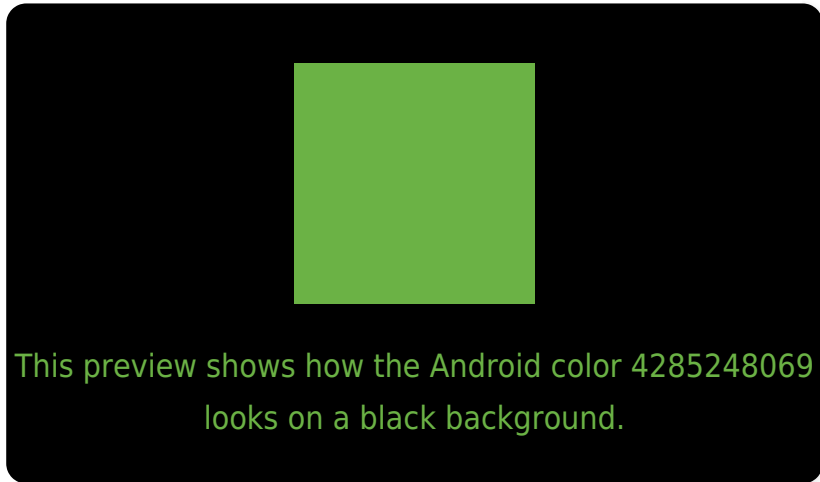
Large Text (above 18pt) WCAG AA × Fail

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 4285248069 Background



This preview shows how black text looks on a background with the Android color 4285248069.



This preview shows how white text looks on a background with the Android color 4285248069.

# 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**  
4285248069



**Protanomaly**  
4288194370



**Deuteranomaly**  
4288979274



**Tritanomaly**  
4285967244

# Monochromacy



**Original Color**  
4285248069



**Achromatopsia**  
4287664272



**Achromatomaly**  
4286815349

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285248069 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(107, 178, 69)` looks like.

```
.text, #text, p{  
    color:rgb(107, 178, 69)  
}
```

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(107, 178, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 178, 69) }
```

## Border

The CSS property to change the border of an element to Android 4285248069 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(107, 178, 69) }
```

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

```
.border{ border-color:rgb(107, 178, 69) }
```

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

Here you see how a box with a 4 pixel rgb(107, 178, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 178, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 178, 69);  
box-shadow:4px 4px 4px 4px rgb(107, 178,  
69) }
```

# Background

The CSS property to change the background color of an element to Android 4285248069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 178, 69) }
```

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

```
.background{ background-color: rgb(107,  
178, 69) }
```

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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