

# Converting Colors

Android(4282681668)

Have a look what the booklet for  
Android(4282681668) contains.

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# Color

**Android(4282681668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	448944
RGB	68, 137, 68
RGB Percent	27%, 54%, 27%
CMY	0.7333, 0.4627, 0.7333
CMYK	0.50, 0.00, 0.50, 0.46
HSL	120°, 34%, 40%
HSV	120°, 50%, 54%
XYZ	12.3729, 19.5376, 8.5879
YIQ	108.5030, -18.9750, -36.0870

# Conversions

## Conversions Part 2

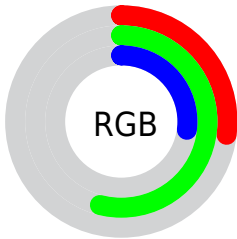
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 137, 137</a>
Decimal	<a href="#">4491588</a>
CIELab	<a href="#">51.31, -36.73, 30.28</a>
CIElCh	<a href="#">51, 47.600, 140.493</a>
Yxy	<a href="#">19.5376, 0.3055, 0.4824</a>
Android (android.graphics.Color)	<a href="#">4282681668 (0xFF448944)</a>
YUV	<a href="#">108.5030, -19.9680, -35.5211</a>
Hunter-Lab	<a href="#">44.2014, -27.3863, 19.4215</a>

# Details

The Android color `4282681668` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287186057`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4286168950`, and `4278605333` is the 20% darker color. If you saturate the color by 10%, you get `4281764150`, and if you desaturate by 10%, it is `4283599186`.

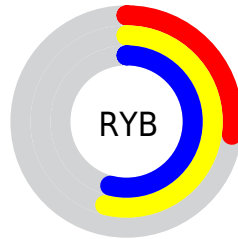
# Distribution



Red (27%)

Green (54%)

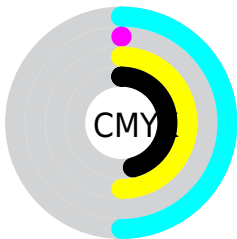
Blue (27%)



Red (27%)

Yellow (54%)

Blue (54%)

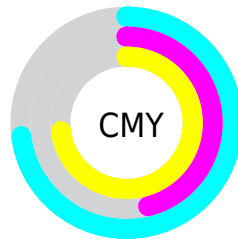


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (46%)



Cyan (73%)

Magenta (46%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282681668 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 4282681668 by changing the saturation by 10% instead.





4282681668



4282681668

4294967295



4280905516



4286168950



4278605333



4287945616



4278205952



4289788074



4278200320



4291624902



4278192384



4293525474



4278190080



4282681668



4282681668



4281764150



4283599186



4280912169



4284451167

■ 4279994651

■ 4285368685

■ 4279077133

■ 4286286203

■ 4278225152

■ 4287203721

■ 4288055702

■ 4288973220

■ 4289890738

■ 4290742719

# Harmonies

## Analogous

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



4285890856



4282681668



4278226283

# Triad

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



4282681668



4278223818



4291123040

# Complementary

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



4282681668



4287186057

# 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.



4290664329



4282681668



4284839367

# Square

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



4282681668



4278225848



4288636078



4290208828

# Rectangle

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



4282681668



4278226568



4288636078



4291122542



# Sweetspot

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



4282681668



4288197528



4287203652



4282997065



4292467161



4284045657



# Same Dimension

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



4282681668



4282889031



4282681703



4282271038



4278224128



4278191360



# Inverse Universe

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



4287186057



4289939379



4287186023



4282728005



4286906501



4278517765



# Previews

## White Background



This preview shows how the Android color 4282681668 looks on a white background.

## Color Contrast Check

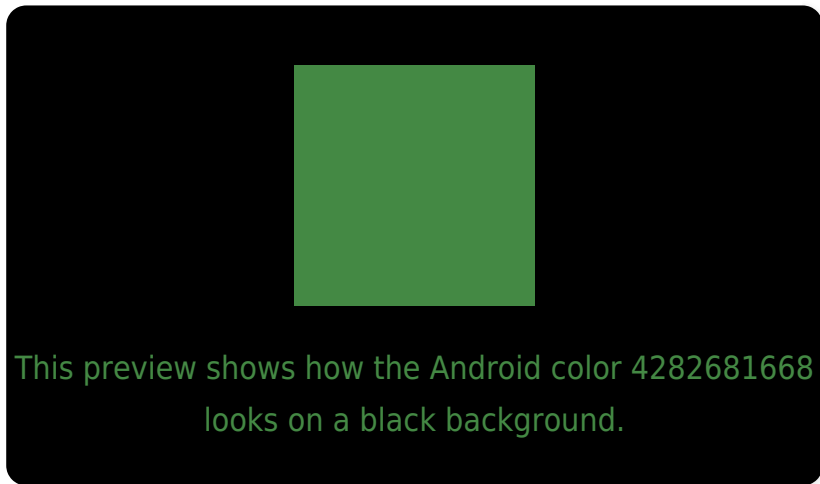
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282681668 Background



This preview shows how black text looks on a background with the Android color 4282681668.



This preview shows how white text looks on a background with the Android color 4282681668.

# 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**  
4282681668

**Protanopia**  
4287003199

**Deuteranopia**  
4287853641



# Trichromacy



**Original Color**  
4282681668

**Protanomaly**  
4285431617

**Deuteranomaly**  
4285955143

**Tritanomaly**  
4283335794

# Monochromacy



**Original Color**  
4282681668

**Achromatopsia**  
4285361517

**Achromatomaly**  
4284381022

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282681668 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(68, 137, 68)` looks like.

```
.text, #text, p{  
    color:rgb(68, 137, 68)  
}
```

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(68, 137, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 137, 68) }
```

## Border

The CSS property to change the border of an element to Android 4282681668 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(68, 137, 68) }
```

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

```
.border{ border-color:rgb(68, 137, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 137, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 137, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 137, 68);  
box-shadow:4px 4px 4px 4px rgb(68, 137,  
68) }
```

# Background

The CSS property to change the background color of an element to Android 4282681668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 137, 68) }
```

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

```
.background{ background-color: rgb(68, 137,  
68) }
```

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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