

# Converting Colors

Android(4278237289)

Have a look what the booklet for  
Android(4278237289) contains.

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# **Color**

**Android(4278237289)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B869
RGB	0, 184, 105
RGB Percent	0%, 72%, 41%
CMY	1.0000, 0.2784, 0.5882
CMYK	1.00, 0.00, 0.43, 0.28
HSL	154°, 100%, 36%
HSV	154°, 100%, 72%
XYZ	19.6903, 35.3009, 19.1406
YIQ	119.9780, -84.3050, -63.5770

# Conversions

## Conversions Part 2

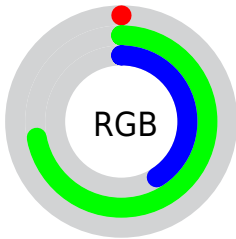
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 117, 184
Decimal	47209
CIELab	65.98, -57.52, 29.31
CIELCh	66, 64.558, 152.997
Yxy	35.3009, 0.2656, 0.4762
Android (android.graphics.Color)	4278237289 (0xFF00B869)
YUV	119.9780, -7.3842, -105.2207
Hunter-Lab	59.4146, -44.8197, 22.4897

# Details

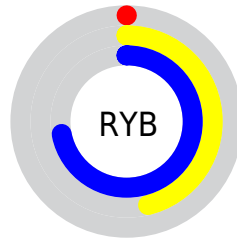
The Android color **4278237289** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **4290248783**, and the grayscale version is **4286085240**.

A 20% lighter version of the original color is **4284543389**, and **4278223160** is the 20% darker color. If you saturate the color by 10%, you get **4278237289**, and if you desaturate by 10%, it is **4279416945**.

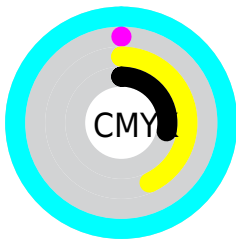
# Distribution



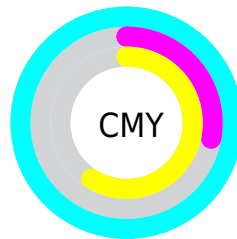
- Red (0%)
- Green (72%)
- Blue (41%)



- Red (0%)
- Yellow (46%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278237289 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 4278237289 by changing the saturation by 10% instead.



 4278237289

 4278237289

4294967295

 4278230096

 4284543389

 4278223160

 4286578616

 4278216481

 4288610260

 4278210057

 4290576369

 4278203904

 4292542463

 4278197504


 4294574079

 4278190080

 4278237289

 4279416945

 4280662137

 4281841793

 4283086985

 4284266640

 4285446296

 4286691488

 4287871144

 4289116336

# Harmonies

## Analogous

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



4286426934



4278237289



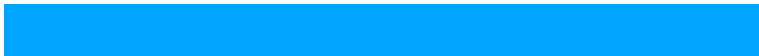
4278238373

# Triad

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



4278237289



4278232575



4294931301

# Complementary

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



4278237289



4290248783

# 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.



4294928541



4278237289



4289302271

# Square

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



4278237289



4278236415



4293621206



4293364278

# Rectangle

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



4278237289



4278238412



4293621206



4294929783



# Sweetspot

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



4278237289



4289261777



4283480064



4283267173



4294440951



4286085240



# Same Dimension

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



4278237289



4278251657



4278234296



4283653208



4278230105



4278197264



# Inverse Universe

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



4290248783



4293918823



4290251776



4284240727



4288413763



4280025100



# Previews

## White Background



This preview shows how the Android color 4278237289 looks on a white background.

## Color Contrast Check

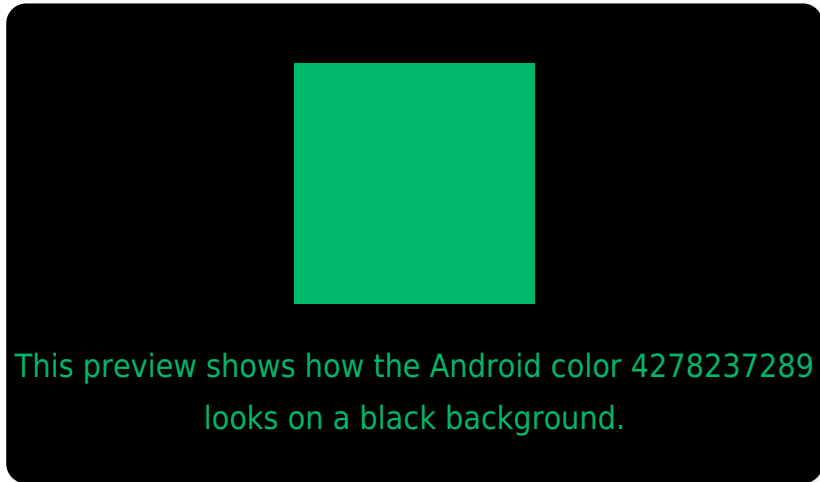
Large Text (above 18pt) WCAG AA × Fail

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 4278237289 Background



This preview shows how black text looks on a background with the Android color 4278237289.



This preview shows how white text looks on a background with the Android color 4278237289.

# 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**  
4278237289

**Protanopia**  
4289634143

**Deuteranopia**  
4290615409



# Trichromacy



**Original Color**

4278237289



**Protanomaly**

4285507683



**Deuteranomaly**

4286096494



**Tritanomaly**

4281053854

# Monochromacy



**Original Color**

4278237289



**Achromatopsia**

4286085240



**Achromatomaly**

4283207539

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278237289 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(0, 184, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 105)  
}
```

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(0, 184, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 105) }
```

## Border

The CSS property to change the border of an element to Android 4278237289 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(0, 184, 105) }
```

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

```
.border{ border-color:rgb(0, 184, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 184,  
105) }
```

# Background

The CSS property to change the background color of an element to Android 4278237289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 105) }
```

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

```
.background{ background-color: rgb(0, 184,  
105) }
```

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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