

# Converting Colors

Android(4278552933)

Have a look what the booklet for  
Android(4278552933) contains.

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# Color

**Android(4278552933)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	058965
RGB	5, 137, 101
RGB Percent	2%, 54%, 40%
CMY	0.9804, 0.4627, 0.6039
CMYK	0.96, 0.00, 0.26, 0.46
HSL	164°, 93%, 28%
HSV	164°, 96%, 54%
XYZ	11.3572, 18.8632, 15.3543
YIQ	93.4280, -67.1160, -39.1800

# Conversions

## Conversions Part 2

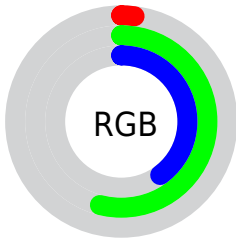
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 81, 137
Decimal	362853
CIELab	50.53, -40.48, 10.60
CIELCh	51, 41.846, 165.326
Yxy	18.8632, 0.2492, 0.4139
Android (android.graphics.Color)	4278552933 (0xFF058965)
YUV	93.4280, 3.7330, -77.5514
Hunter-Lab	43.4318, -29.3286, 9.4416

# Details

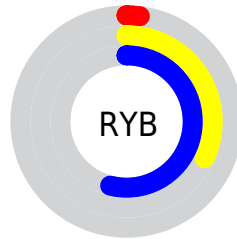
The Android color **4278552933** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **4287169833**, and the grayscale version is **4284308829**.

A 20% lighter version of the original color is **4283678616**, and **4278212150** is the 20% darker color. If you saturate the color by 10%, you get **4278225252**, and if you desaturate by 10%, it is **4279470441**.

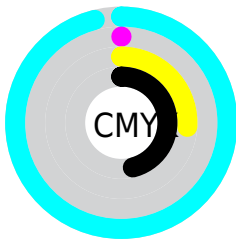
# Distribution



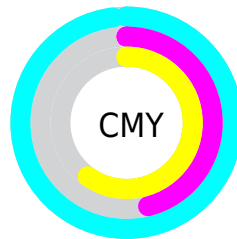
- Red (2%)
- Green (54%)
- Blue (40%)



- Red (2%)
- Yellow (32%)
- Blue (54%)



- Cyan (96%)
- Magenta (0%)
- Yellow (26%)
- Black (46%)



- Cyan (98%)
- Magenta (46%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278552933 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 4278552933 by changing the saturation by 10% instead.





4278552933



4278552933

4294967295



4278218573



4283678616



4278212150



4285586355



4278205985



4287494350



4278200331



4289396714



4278191104



4291297279



4278190080



4293197823



4278552933



4278552933



4278225252



4279470441

 4280322412

 4281239920

 4282157428

 4283074936

 4283926907

 4284844415

 4285761923

 4286613895

# Harmonies

## Analogous

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



4283663428



4278552933



4278225546

# Triad

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



4278552933



4284249789



4289880903

# Complementary

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



4278552933



4287169833

# 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.



4290468455



4278552933



4287785131

# Square

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



4278552933



4278223293



4289813643



4288442418

# Rectangle

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



4278552933



4278225312



4289813643



4290207569



# Sweetspot

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



4278552933



4286559140



4280977669



4282014033



4292467161



4284045657



# Same Dimension

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



4278552933



4278236034



4278545545



4282271043



4278224224



4278191364



# Inverse Universe

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



4287169833



4289921073



4287177221



4282728000



4286906404



4278517761



# Previews

## White Background



This preview shows how the Android color 4278552933 looks on a white background.

## Color Contrast Check

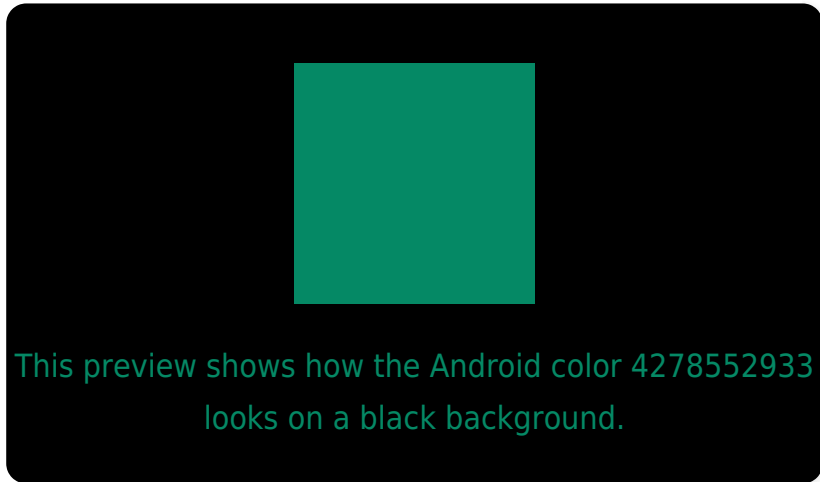
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278552933 Background



This preview shows how black text looks on a background with the Android color 4278552933.

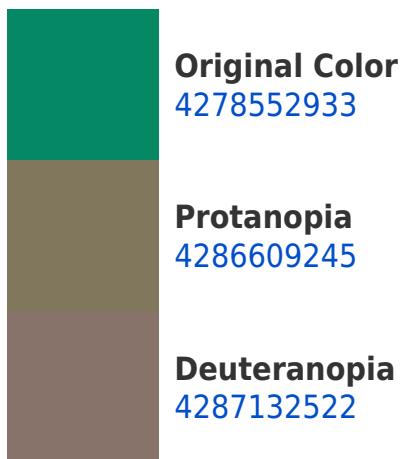


This preview shows how white text looks on a background with the Android color 4278552933.

# 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**

4278552933



**Protanomaly**

4283661920



**Deuteranomaly**

4283988840



**Tritanomaly**

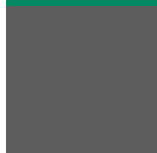
4280190591

# Monochromacy



**Original Color**

4278552933



**Achromatopsia**

4284308829



**Achromatomaly**

4282215776

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278552933 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(5, 137, 101)` looks like.

```
.text, #text, p{  
    color:rgb(5, 137, 101)  
}
```

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(5, 137, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 137, 101) }
```

## Border

The CSS property to change the border of an element to Android 4278552933 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(5, 137, 101) }
```

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

```
.border{ border-color:rgb(5, 137, 101) }
```

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

Here you see how a box with a 4 pixel rgb(5, 137, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 137, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 137, 101);  
box-shadow:4px 4px 4px 4px rgb(5, 137,  
101) }
```

# Background

The CSS property to change the background color of an element to Android 4278552933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 137, 101) }
```

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

```
.background{ background-color: rgb(5, 137,  
101) }
```

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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