

# Converting Colors

Android(4278538053)

Have a look what the booklet for  
Android(4278538053) contains.

<b>Android(4278538053)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

# Color

**Android(4278538053)**

# Conversions

## Conversions Part 1

Format	Color
Hex	054F45
RGB	5, 79, 69
RGB Percent	2%, 31%, 27%
CMY	0.9804, 0.6902, 0.7294
CMYK	0.94, 0.00, 0.13, 0.69
HSL	172°, 88%, 16%
HSV	172°, 94%, 31%
XYZ	3.9327, 6.0539, 6.5915
YIQ	55.7340, -40.8940, -18.7980

# Conversions

## Conversions Part 2

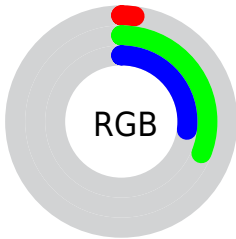
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 45, 79
Decimal	347973
CIE Lab	29.55, -23.39, 0.00
CIE LCh	30, 23.390, 179.998
Yxy	6.0539, 0.2372, 0.3652
Android (android.graphics.Color)	4278538053 (0xFF054F45)
YUV	55.7340, 6.5401, -44.4937
Hunter-Lab	24.6047, -14.5272, 1.3398

# Details

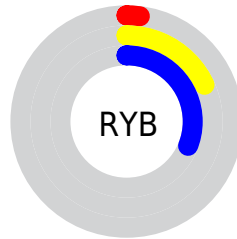
The Android color **4278538053** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4283368719**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4282483061**, and **4278198810** is the 20% darker color. If you saturate the color by 10%, you get **4278210372**, and if you desaturate by 10%, it is **4279062342**.

# Distribution



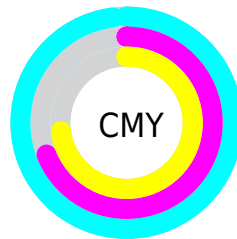
- Red (2%)
- Green (31%)
- Blue (27%)



- Red (2%)
- Yellow (18%)
- Blue (31%)



- Cyan (94%)
- Magenta (0%)
- Yellow (13%)
- Black (69%)



- Cyan (98%)
- Magenta (69%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278538053 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 4278538053 by changing the saturation by 10% instead.



 4278538053

 4278538053

4294967295

 4278204463

 4282483061

 4278198810

 4284193679

 4278190080

 4285970089

 4287746756

 4289523424

 4291362813

 4293263359

 4278538053

 4278538053

■ 4278210372

■ 4279062342

■ 4279586631

■ 4280110920

■ 4280635209

■ 4281159498

■ 4281618251

■ 4282142540

■ 4282666830

■ 4283191119

# Harmonies

## Analogous

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



4280831283



4278538053



4278210391

# Triad

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



4278538053



4282859877



4284431911

# Complementary

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



4278538053



4283368719

# 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.



4284954932



4278538053



4284234328

# Square

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



4278538053



4280829802



4284954438



4283516193

# Rectangle

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



4278538053



4278209889



4284954438



4284693547



# Sweetspot

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



4278538053



4283000418



4279258885



4280431409



4289967027



4281545523



# Same Dimension

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



4278538053



4278216280



4278531407



4280428070



4278249158

# Inverse Universe

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



4283368719



4284874766



4283375365



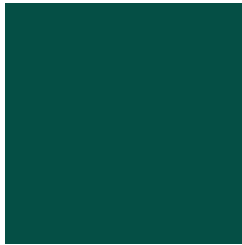
4280689187



4293263391

# Previews

## White Background



This preview shows how the Android color 4278538053 looks on a white background.

## Color Contrast Check

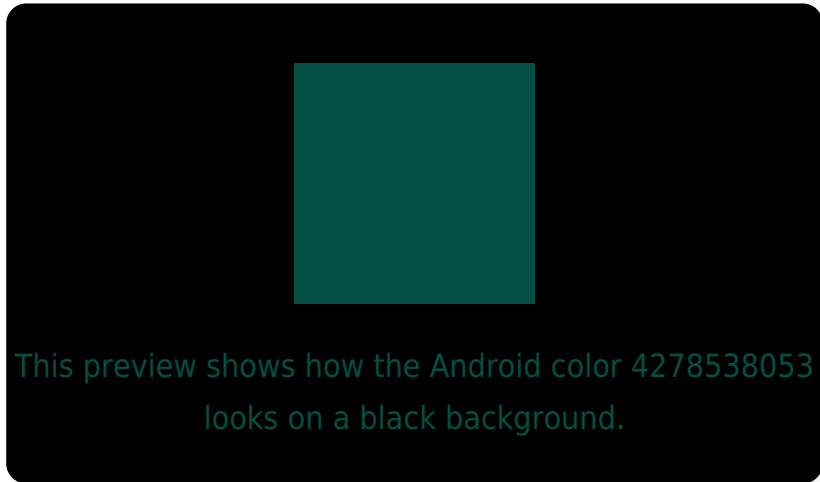
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# Android 4278538053 Background



This preview shows how black text looks on a background with the Android color 4278538053.



This preview shows how white text looks on a background with the Android color 4278538053.

# 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**

4278538053

**Protanopia**

4282926400

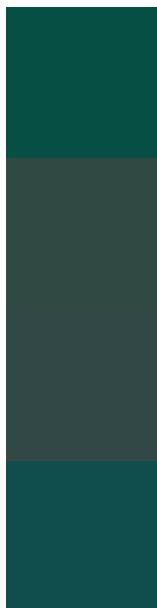
**Deuteranopia**

4283188296





# Trichromacy



**Original Color**

4278538053

**Protanomaly**

4281354562

**Deuteranomaly**

4281485383

**Tritanomaly**

4279258702

# Monochromacy



**Original Color**

4278538053

**Achromatopsia**

4281874488

**Achromatomaly**

4280631357

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278538053 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, 79, 69)` looks like.

```
.text, #text, p{  
    color:rgb(5, 79, 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(5, 79, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 79, 69) }
```

## Border

The CSS property to change the border of an element to Android 4278538053 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, 79, 69) }
```

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

```
.border{ border-color:rgb(5, 79, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 79, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 79, 69); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 79, 69); box-shadow:4px  
4px 4px 4px rgb(5, 79, 69) }
```

# Background

The CSS property to change the background color of an element to Android 4278538053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 79, 69) }
```

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

```
.background{ background-color: rgb(5, 79,  
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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor