

Converting Colors

Android(4278556003)

Have a look what the booklet for
Android(4278556003) contains.

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Color

Android(4278556003)

Conversions

Conversions Part 1

Format	Color
Hex	059563
RGB	5, 149, 99
RGB Percent	2%, 58%, 39%
CMY	0.9804, 0.4157, 0.6118
CMYK	0.97, 0.00, 0.34, 0.42
HSL	159°, 94%, 30%
HSV	159°, 97%, 58%
XYZ	13.0622, 22.4280, 15.4450
YIQ	100.2440, -69.7740, -46.0780

Conversions

Conversions Part 2

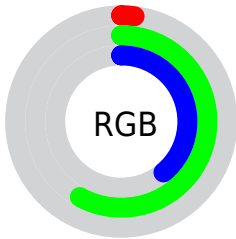
Format	Color
RYB	5, 92, 149
Decimal	365923
CIELab	54.48, -45.76, 17.21
CIELCh	54, 48.889, 159.390
Yxy	22.4280, 0.2564, 0.4403
Android (android.graphics.Color)	4278556003 (0xFF059563)
YUV	100.2440, -0.6133, -83.5290
Hunter-Lab	47.3582, -33.6437, 13.8145

Details

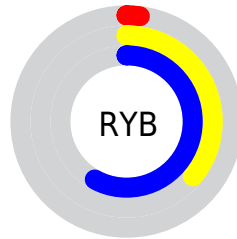
The Android color **4278556003** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **4287956279**, and the grayscale version is **4284769380**.

A 20% lighter version of the original color is **4283944086**, and **4278214964** is the 20% darker color. If you saturate the color by 10%, you get **4278228321**, and if you desaturate by 10%, it is **4279539048**.

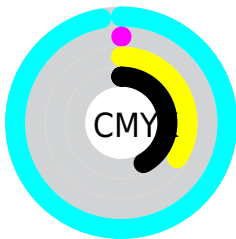
Distribution



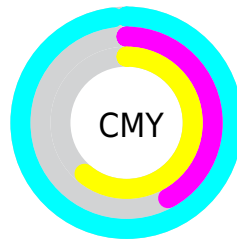
- Red (2%)
- Green (58%)
- Blue (39%)



- Red (2%)
- Yellow (36%)
- Blue (58%)



- Cyan (97%)
- Magenta (0%)
- Yellow (34%)
- Black (42%)



- Cyan (98%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278556003 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 4278556003 by changing the saturation by 10% instead.



4278556003



4278556003

4294967295



4278221643



4283944086



4278214964



4285852081



4278208542



4287758284



4278202631



4289658857



4278196224



4291624959



4278190080



4293525503



4278556003



4278556003




4278228321



4279539048

 4280522093

 4281505139

 4282488184

 4283471229

 4284388738

 4285371783

 4286354828

 4287337874

Harmonies

Analogous

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



4284452669



4278556003



4278228879

Triad

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



4278556003



4283138774



4291388751

Complementary

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



4278556003



4287956279

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.



4291845239



4278556003



4288049860

Square

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



4278556003



4278226897



4290798241



4289819953

Rectangle

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



4278556003



4278228651



4290798241



4291715419

Sweetspot

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



4278556003



4287283886



4281832709



4282343765



4292927712



4284572001

Same Dimension

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



4278556003



4278239871



4278550421



4282600007



4278225498



4278192647

Inverse Universe

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



4287956279



4290904131



4287961861



4283056965



4287234096



4278845444

Previews

White Background



This preview shows how the Android color 4278556003 looks on a white background.

Color Contrast Check

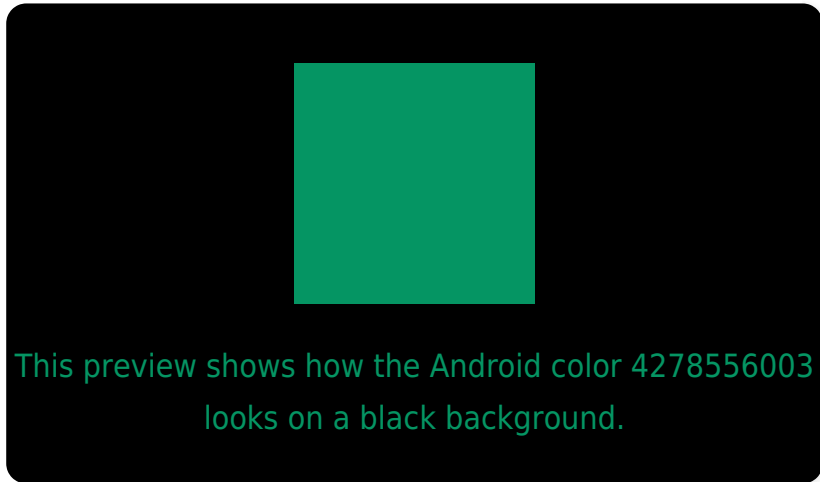
Large Text (above 18pt) WCAG AA ✓ Pass

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

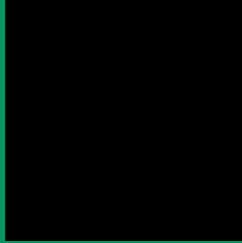
Any Text WCAG AA ✓ Pass

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 4278556003 Background



This preview shows how black text looks on a background with the Android color 4278556003.

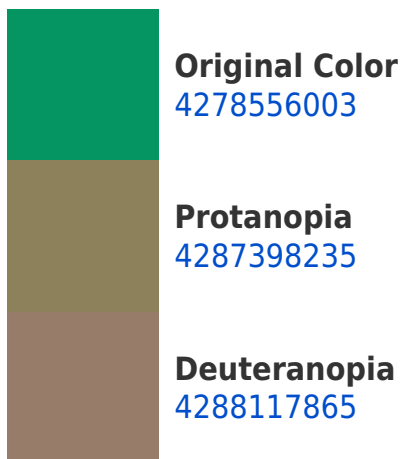


This preview shows how white text looks on a background with the Android color 4278556003.

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

4278556003



Protanomaly

4284188766



Deuteranomaly

4284646759



Tritanomaly

4280521094

Monochromacy



Original Color

4278556003



Achromatopsia

4284769380



Achromatomaly

4282480228

CSS Examples

Text

The CSS property to change the color of the text to Android 4278556003 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, 149, 99)` looks like.

```
.text, #text, p{  
    color:rgb(5, 149, 99)  
}
```

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, 149, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 149, 99) }
```

Border

The CSS property to change the border of an element to Android 4278556003 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, 149, 99) }
```

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

```
.border{ border-color:rgb(5, 149, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 149, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 149, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 149, 99);  
box-shadow:4px 4px 4px 4px rgb(5, 149, 99)  
}
```

Background

The CSS property to change the background color of an element to Android 4278556003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 149, 99) }
```

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

```
.background{ background-color: rgb(5, 149,  
99) }
```

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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