

Converting Colors

Android(4278733619)

Have a look what the booklet for
Android(4278733619) contains.

Android(4278733619)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278733619)

Conversions

Conversions Part 1

Format	Color
Hex	084B33
RGB	8, 75, 51
RGB Percent	3%, 29%, 20%
CMY	0.9686, 0.7059, 0.8000
CMYK	0.89, 0.00, 0.32, 0.71
HSL	159°, 81%, 16%
HSV	159°, 89%, 29%
XYZ	3.2138, 5.3228, 3.9900
YIQ	52.2310, -32.2280, -21.6680

Conversions

Conversions Part 2

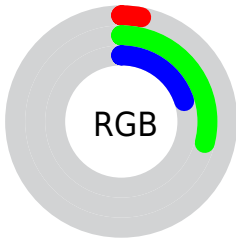
Format	Color
R_{YB}	8, 49, 75
Decimal	543539
CIE _{Lab}	27.64, -26.40, 8.80
CIE _{LCh}	28, 27.830, 161.560
Yxy	5.3228, 0.2566, 0.4249
Android (android.graphics.Color)	4278733619 (0xFF084B33)
YUV	52.2310, -0.6069, -38.7906
Hunter-Lab	23.0712, -15.5100, 5.8961

Details

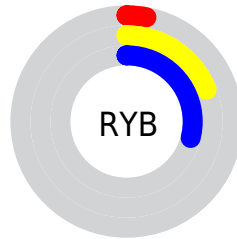
The Android color **4278733619** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4283107360**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4282416225**, and **4278198277** is the 20% darker color. If you saturate the color by 10%, you get **4278274864**, and if you desaturate by 10%, it is **4279257910**.

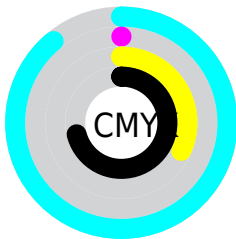
Distribution



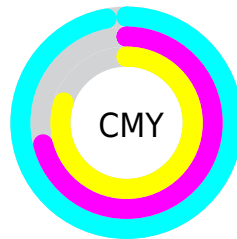
- Red (3%)
- Green (29%)
- Blue (20%)



- Red (3%)
- Yellow (19%)
- Blue (29%)



- Cyan (89%)
- Magenta (0%)
- Yellow (32%)
- Black (71%)



- Cyan (97%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278733619 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 4278733619 by changing the saturation by 10% instead.



4278733619



4278733619

4294967295



4278203422



4282416225



4278198277



4284127098



4278190080



4285837716



4287614383



4289391050



4291231718



4293066751



4278733619



4278733619

■ 4278274864

■ 4279257910

■ 4278209328

■ 4279716664

■ 4280240955

■ 4280699710

■ 4281224000

■ 4281682755

■ 4282207046

■ 4282665800

■ 4283190091

Harmonies

Analogous

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



4281223200



4278733619



4278209609

Triad

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



4278733619



4281024875



4284822310

Complementary

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



4278733619



4283107360

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.



4285083450



4278733619



4283250785

Square

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



4278733619



4278208361



4284625231



4283972376

Rectangle

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



4278733619



4278209367



4284625231



4285018412

Sweetspot

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



4278733619



4282868056



4280371976



4280365099



4289769648



4281348144

Same Dimension

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



4278733619



4278214974



4278731339



4280428069



4278216257



4278249107

Inverse Universe

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



4283107360



4284547107



4283109640



4280689188



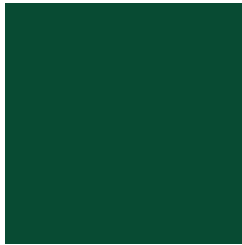
4284874789



4293263442

Previews

White Background



This preview shows how the Android color 4278733619 looks on a white background.

Color Contrast Check

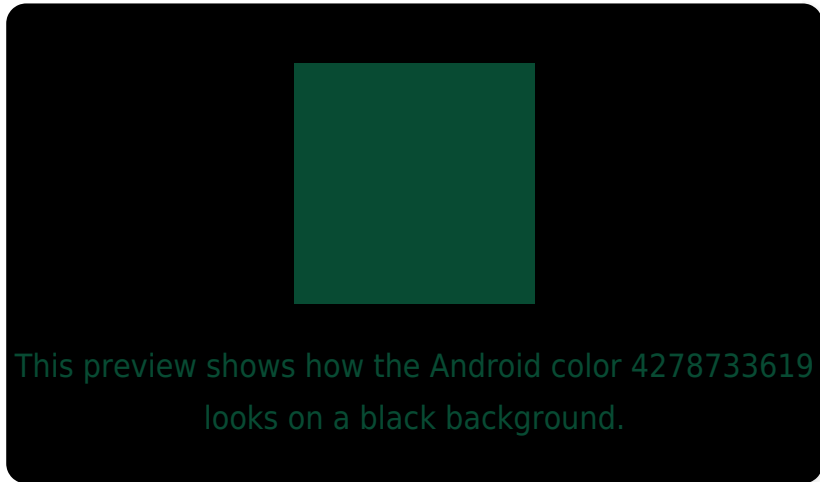
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278733619 Background



This preview shows how black text looks on a background with the Android color 4278733619.



This preview shows how white text looks on a background with the Android color 4278733619.

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

4278733619

Protanopia

4282794287

Deuteranopia

4283186998

Trichromacy



Original Color
4278733619

Protanomaly
4281287984

Deuteranomaly
4281549621

Tritanomaly
4279519556

Monochromacy



Original Color
4278733619

Achromatopsia
4281611316

Achromatomaly
4280564788

CSS Examples

Text

The CSS property to change the color of the text to Android 4278733619 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(8, 75, 51)` looks like.

```
.text, #text, p{  
    color:rgb(8, 75, 51)  
}
```

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(8, 75, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 75, 51) }
```

Border

The CSS property to change the border of an element to Android 4278733619 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(8, 75, 51) }
```

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

```
.border{ border-color:rgb(8, 75, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 75, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 75, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 75, 51); box-shadow:4px  
4px 4px 4px rgb(8, 75, 51) }
```

Background

The CSS property to change the background color of an element to Android 4278733619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 75, 51) }
```

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

```
.background{ background-color: rgb(8, 75,  
51) }
```

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