

Converting Colors

Android(4278298653)

Have a look what the booklet for
Android(4278298653) contains.

Android(4278298653)	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(4278298653)

Conversions

Conversions Part 1

Format	Color
Hex	01A81D
RGB	1, 168, 29
RGB Percent	0%, 66%, 11%
CMY	0.9961, 0.3412, 0.8863
CMYK	0.99, 0.00, 0.83, 0.34
HSL	130°, 99%, 33%
HSV	130°, 99%, 66%
XYZ	14.2369, 28.1004, 5.8360
YIQ	102.2210, -54.9130, -78.6330

Conversions

Conversions Part 2

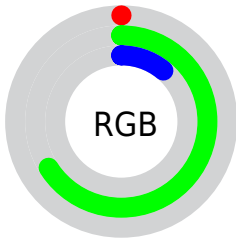
Format	Color
RYB	1, 144, 168
Decimal	108573
CIELab	59.98, -61.96, 55.59
CIELCh	60, 83.242, 138.100
Yxy	28.1004, 0.2955, 0.5833
Android (android.graphics.Color)	4278298653 (0xFF01A81D)
YUV	102.2210, -36.0980, -88.7708
Hunter-Lab	53.0098, -44.8272, 30.5795

Details

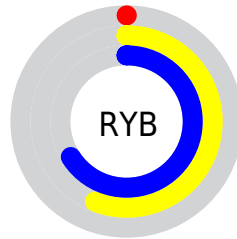
The Android color `4278298653` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4289200524`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4284408150`, and `4278219264` is the 20% darker color. If you saturate the color by 10%, you get `4278233116`, and if you desaturate by 10%, it is `4279412779`.

Distribution



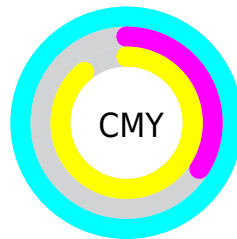
- Red (0%)
- Green (66%)
- Blue (11%)



- Red (0%)
- Yellow (56%)
- Blue (66%)



- Cyan (99%)
- Magenta (0%)
- Yellow (83%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278298653 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 4278298653 by changing the saturation by 10% instead.



4278298653



4278298653

4294967295



4278226176



4284408150



4278219264



4286447217



4278212608



4288413581



4278206208



4290379688



4278200320



4292411333



4278190080



4294377441



4278298653



4278298653




4278233116



4279412779

 4280526905

 4281575495

 4282689621

 4283803747

 4284917873

 4286031999

 4287080589

 4288194715

Harmonies

Analogous

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



4286946048



4278298653



4278234736

Triad

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



4278298653



4278231807



4294915944

Complementary

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



4278298653



4289200524

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.



4294916785



4278298653



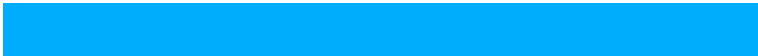
4281109247

Square

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



4278298653



4278234621



4291388660



4294401823

Rectangle

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



4278298653



4278235299



4291388660



4294914176

Sweetspot

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



4278298653



4288338853



4287408129



4282805837



4293783021



4285427310

Same Dimension

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



4278298653



4278246181



4278298736



4283192397



4278227993



4278195203

Inverse Universe

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



4289200524



4292542647



4289200441



4283714643



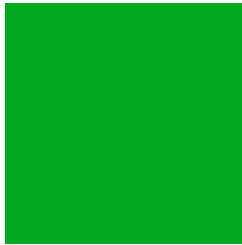
4287889531



4279500817

Previews

White Background



This preview shows how the Android color 4278298653 looks on a white background.

Color Contrast Check

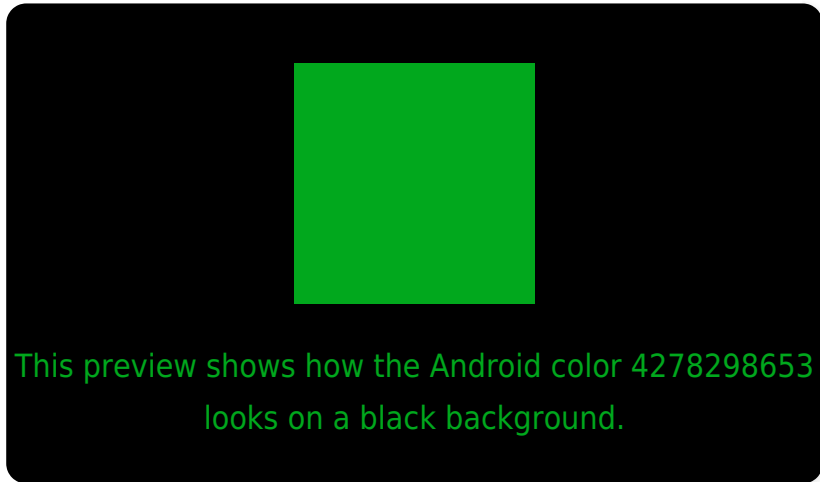
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278298653 Background



This preview shows how black text looks on a background with the Android color 4278298653.



This preview shows how white text looks on a background with the Android color 4278298653.

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
4278298653

Protanopia
4288843798

Deuteranopia
4290021422

Trichromacy



Original Color

4278298653



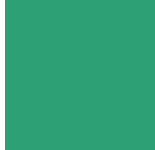
Protanomaly

4284979481



Deuteranomaly

4285764648



Tritanomaly

4281180278

Monochromacy



Original Color

4278298653



Achromatopsia

4284900966



Achromatomaly

4282482251

CSS Examples

Text

The CSS property to change the color of the text to Android 4278298653 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(1, 168, 29)` looks like.

```
.text, #text, p{  
    color:rgb(1, 168, 29)  
}
```

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(1, 168, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 168, 29) }
```

Border

The CSS property to change the border of an element to Android 4278298653 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(1, 168, 29) }
```

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

```
.border{ border-color:rgb(1, 168, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 168, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 168, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 168, 29);  
box-shadow:4px 4px 4px 4px rgb(1, 168, 29)  
}
```

Background

The CSS property to change the background color of an element to Android 4278298653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 168, 29) }
```

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

```
.background{ background-color: rgb(1, 168,  
29) }
```

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