

Converting Colors

Android(4278228236)

Have a look what the booklet for
Android(4278228236) contains.

Android(4278228236)	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(4278228236)

Conversions

Conversions Part 1

Format	Color
Hex	00950C
RGB	0, 149, 12
RGB Percent	0%, 58%, 5%
CMY	1.0000, 0.4157, 0.9529
CMYK	1.00, 0.00, 0.92, 0.42
HSL	125°, 100%, 29%
HSV	125°, 100%, 58%
XYZ	10.8138, 21.5214, 3.9319
YIQ	88.8310, -44.8270, -74.1950

Conversions

Conversions Part 2

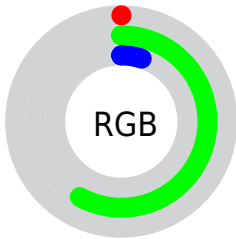
Format	Color
RYB	0, 138, 149
Decimal	38156
CIELab	53.52, -57.36, 53.75
CIELCh	54, 78.604, 136.860
Yxy	21.5214, 0.2982, 0.5934
Android (android.graphics.Color)	4278228236 (0xFF00950C)
YUV	88.8310, -37.8777, -77.9048
Hunter-Lab	46.3912, -39.5762, 27.4487

Details

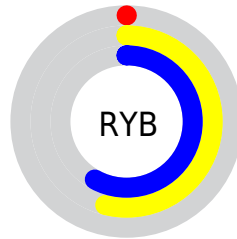
The Android color `4278228236` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4287955081`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4284009546`, and `4278214656` is the 20% darker color. If you saturate the color by 10%, you get `4278228236`, and if you desaturate by 10%, it is `4279211290`.

Distribution



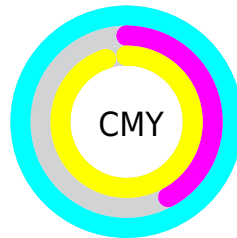
- Red (0%)
- Green (58%)
- Blue (5%)



- Red (0%)
- Yellow (54%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (92%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228236 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 4278228236 by changing the saturation by 10% instead.

 4278228236

 4278228236

4294967295

 4278221312

 4284009546

 4278214656

 4285983076


 4278208256

 4287954815

 4278202624

 4289920923

 4278195456

 4291821494

 4278190080


 4293787603

 4294967280

 4278228236

 4279211290

 4280194343

 4281177397

 4282160451

 4283143505

 4284061022

 4285044076

 4286027130

 4287010183

Harmonies

Analogous

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



4286023680



4278228236



4278229855

Triad

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



4278228236



4278227455



4294191197

Complementary

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



4278228236



4287955081

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.



4293406113



4278228236



4278221823

Square

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



4278228236



4278229986



4289747166



4292825113

Rectangle

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



4278228236



4278230414



4289747166



4294189171

Sweetspot

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



4278228236



4287152780



4287337728



4282278209



4292927712



4284572001

Same Dimension

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



4278228236



4278239760



4278228308



4282600003



4278225419



4278192641

Inverse Universe

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



4287955081



4290904242



4287955009



4283056969



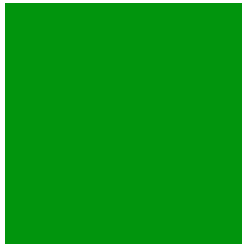
4287234175



4278845449

Previews

White Background



This preview shows how the Android color 4278228236 looks on a white background.

Color Contrast Check

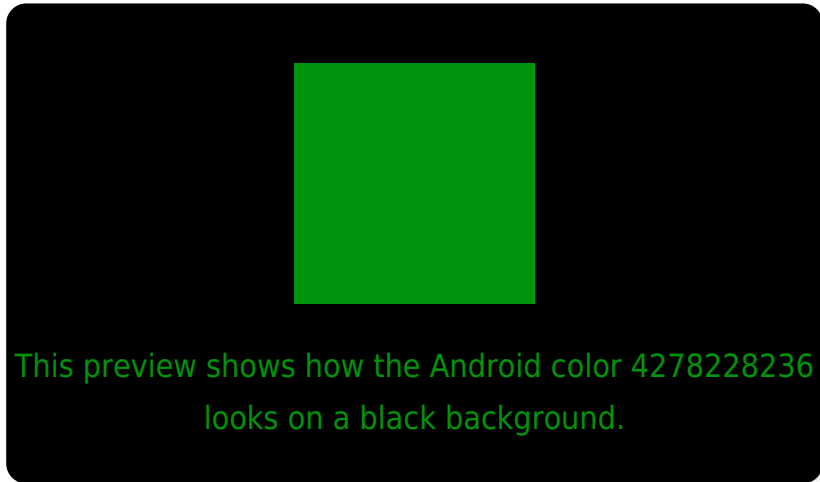
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278228236 Background



This preview shows how black text looks on a background with the Android color 4278228236.



This preview shows how white text looks on a background with the Android color 4278228236.

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

4278228236



Protanomaly

4284254212



Deuteranomaly

4284908314



Tritanomaly

4280782692

Monochromacy



Original Color

4278228236



Achromatopsia

4284045657



Achromatomaly

4281954109

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228236 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(0, 149, 12)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 12)  
}
```

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(0, 149, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 12) }
```

Border

The CSS property to change the border of an element to Android 4278228236 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(0, 149, 12) }
```

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

```
.border{ border-color:rgb(0, 149, 12) }
```

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

Here you see how a box with a 4 pixel rgb(0, 149, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 12);  
box-shadow:4px 4px 4px 4px rgb(0, 149, 12)  
}
```

Background

The CSS property to change the background color of an element to Android 4278228236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 12) }
```

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

```
.background{ background-color: rgb(0, 149,  
12) }
```

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