

Converting Colors

Android(4278228311)

Have a look what the booklet for
Android(4278228311) contains.

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Color

Android(4278228311)

Conversions

Conversions Part 1

Format	Color
Hex	009557
RGB	0, 149, 87
RGB Percent	0%, 58%, 34%
CMY	1.0000, 0.4157, 0.6588
CMYK	1.00, 0.00, 0.42, 0.42
HSL	155°, 100%, 29%
HSV	155°, 100%, 58%
XYZ	12.4677, 22.1830, 12.6415
YIQ	97.3810, -68.9020, -50.8700

Conversions

Conversions Part 2

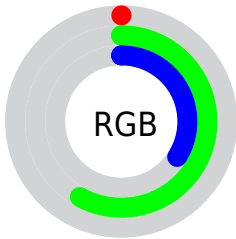
Format	Color
RYB	0, 94, 149
Decimal	38231
CIELab	54.22, -48.62, 23.50
CIELCh	54, 54.007, 154.204
Yxy	22.1830, 0.2636, 0.4691
Android (android.graphics.Color)	4278228311 (0xFF009557)
YUV	97.3810, -5.1178, -85.4031
Hunter-Lab	47.0988, -35.1714, 17.0556

Details

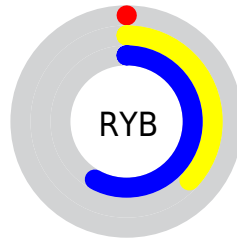
The Android color `4278228311` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4287955006`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4283813001`, and `4278214952` is the 20% darker color. If you saturate the color by 10%, you get `4278228311`, and if you desaturate by 10%, it is `4279211357`.

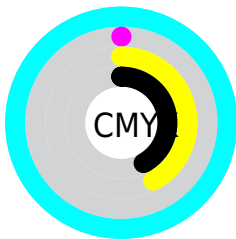
Distribution



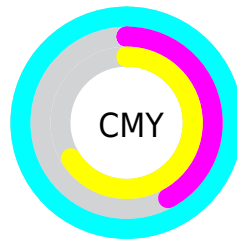
- Red (0%)
- Green (58%)
- Blue (34%)



- Red (0%)
- Yellow (37%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (42%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228311 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 4278228311 by changing the saturation by 10% instead.

 4278228311

 4278228311

4294967295

 4278221375

 4283813001

 4278214952

 4285786532

 4278208530

 4287692735

 4278202624

 4289593307

 4278195968

 4291559416


 4278190080

 4293459967

 4278228311

 4279211357

 4280194403

 4281177450

 4282160496

 4283143542

 4284061052

 4285044098

 4286027145

 4287010191

Harmonies

Analogous

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



4284780078



4278228311



4278229127

Triad

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



4278228311



4279403999



4291911248

Complementary

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



4278228311



4287955006

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.



4292171133



4278228311



4287394511

Square

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



4278228311



4278227413



4290731947



4290408491

Rectangle

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



4278228311



4278229159



4290731947



4292172126

Sweetspot

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



4278228311



4287152810



4282291456



4282278226



4292927712



4284572001

Same Dimension

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



4278228311



4278239857



4278225301



4282600007



4278225488



4278192646

Inverse Universe

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



4287955006



4290904145



4287958016



4283056966



4287234105



4278845444

Previews

White Background



This preview shows how the Android color 4278228311 looks on a white background.

Color Contrast Check

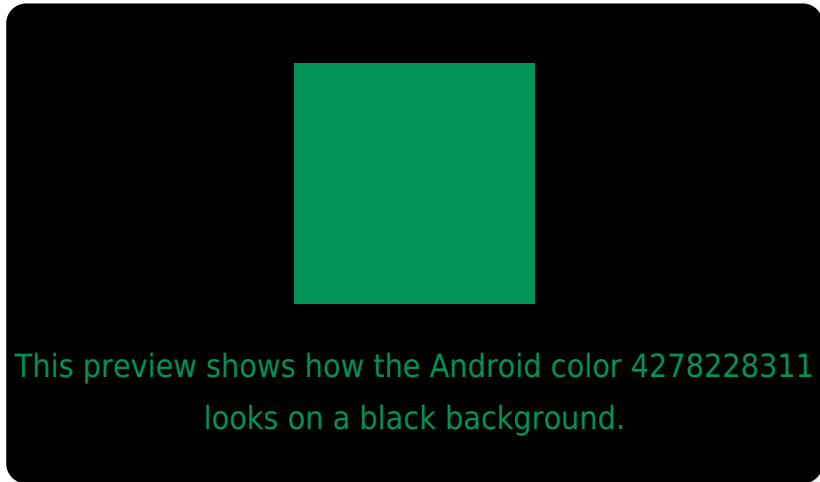
Large Text (above 18pt) WCAG AA ✓ Pass

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

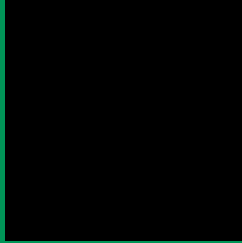
Any Text WCAG AA ✓ Pass

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 4278228311 Background



This preview shows how black text looks on a background with the Android color 4278228311.



This preview shows how white text looks on a background with the Android color 4278228311.

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
4278228311

Protanopia
4287463759

Deuteranopia
4288248925

Trichromacy



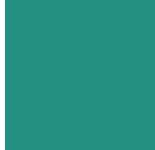
Original Color
4278228311



Protanomaly
4284123218



Deuteranomaly
4284581211



Tritanomaly
4280520833

Monochromacy



Original Color
4278228311



Achromatopsia
4284572001



Achromatomaly
4282283101

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228311 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, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 87)  
}
```

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, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 87) }
```

Border

The CSS property to change the border of an element to Android 4278228311 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, 87) }
```

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

```
.border{ border-color:rgb(0, 149, 87) }
```

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, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 87);  
box-shadow:4px 4px 4px 4px rgb(0, 149, 87)  
}
```

Background

The CSS property to change the background color of an element to Android 4278228311 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, 87) }
```

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

```
.background{ background-color: rgb(0, 149,  
87) }
```

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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