

Converting Colors

Android(4278229266)

Have a look what the booklet for
Android(4278229266) contains.

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Color

Android(4278229266)

Conversions

Conversions Part 1

Format	Color
Hex	009912
RGB	0, 153, 18
RGB Percent	0%, 60%, 7%
CMY	1.0000, 0.4000, 0.9294
CMYK	1.00, 0.00, 0.88, 0.40
HSL	127°, 100%, 30%
HSV	127°, 100%, 60%
XYZ	11.5004, 22.8261, 4.3720
YIQ	91.8630, -47.8530, -74.4210

Conversions

Conversions Part 2

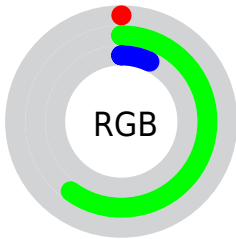
Format	Color
RYB	0, 137, 153
Decimal	39186
CIELab	54.89, -58.27, 53.74
CIElCh	55, 79.270, 137.315
Yxy	22.8261, 0.2972, 0.5898
Android (android.graphics.Color)	4278229266 (0xFF009912)
YUV	91.8630, -36.4145, -80.5639
Hunter-Lab	47.7767, -40.6422, 28.0181

Details

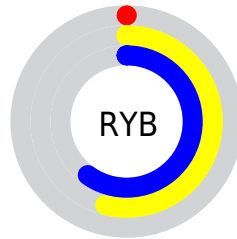
The Android color `4278229266` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4288217223`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284076365`, and `4278215680` is the 20% darker color. If you saturate the color by 10%, you get `4278229266`, and if you desaturate by 10%, it is `4279212320`.

Distribution



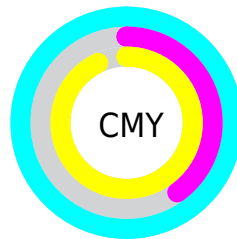
- Red (0%)
- Green (60%)
- Blue (7%)



- Red (0%)
- Yellow (54%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (88%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278229266 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 4278229266 by changing the saturation by 10% instead.

 4278229266

 4278229266

4294967295

 4278222336

 4284076365

 4278215680

 4286115176


 4278209280

 4288020355

 4278203392

 4289986462

 4278196736

 4291952570

 4278190080

 4293918679

 4294967284

 4278229266

 4279212320

 4280260909

 4281243963

 4282227016

 4283275606

 4284258659

 4285241713

 4286224766

 4287273355

Harmonies

Analogous

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



4286221312



4278229266



4278230883

Triad

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



4278229266



4278228223



4294519903

Complementary

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



4278229266



4288217223

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.



4293734564



4278229266



4278615807

Square

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



4278229266



4278230760



4290141154



4293153819

Rectangle

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



4278229266



4278231443



4290141154



4294518134

Sweetspot

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



4278229266



4287350674



4287076608



4282409796



4293125091



4284703587

Same Dimension

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



4278229266



4278241047



4278229342



4282731846



4278225937



4278193410

Inverse Universe

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



4288217223



4291231920



4288217147



4283254092



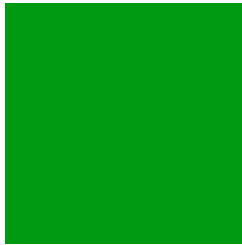
4287365244



4279042059

Previews

White Background



This preview shows how the Android color 4278229266 looks on a white background.

Color Contrast Check

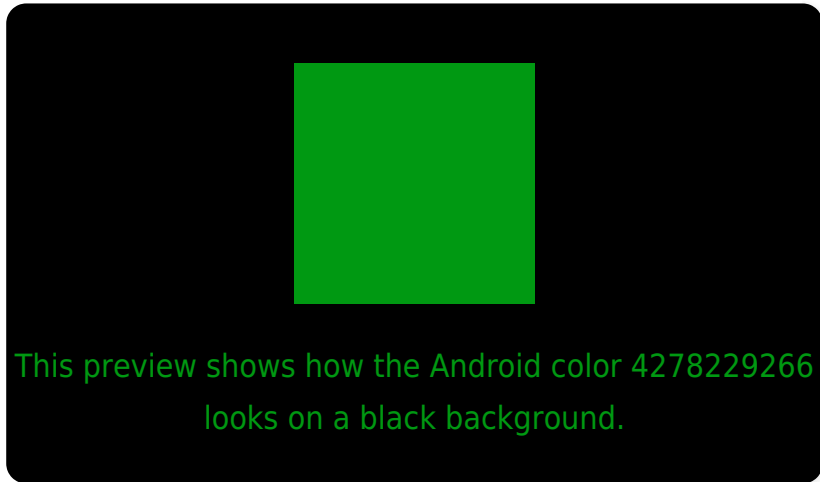
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278229266 Background



This preview shows how black text looks on a background with the Android color 4278229266.



This preview shows how white text looks on a background with the Android color 4278229266.

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
4278229266

Protanopia
4287857417

Deuteranopia
4288969765

Trichromacy



Original Color

4278229266



Protanomaly

4284386060



Deuteranomaly

4285040414



Tritanomaly

4280914537

Monochromacy



Original Color

4278229266



Achromatopsia

4284243036



Achromatomaly

4282085953

CSS Examples

Text

The CSS property to change the color of the text to Android 4278229266 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, 153, 18)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 18)  
}
```

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, 153, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 18) }
```

Border

The CSS property to change the border of an element to Android 4278229266 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, 153, 18) }
```

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

```
.border{ border-color:rgb(0, 153, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 18);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 18)  
}
```

Background

The CSS property to change the background color of an element to Android 4278229266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 18) }
```

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

```
.background{ background-color: rgb(0, 153,  
18) }
```

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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