

Converting Colors

Android(4278348033)

Have a look what the booklet for
Android(4278348033) contains.

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Color

Android(4278348033)

Conversions

Conversions Part 1

Format	Color
Hex	026901
RGB	2, 105, 1
RGB Percent	1%, 41%, 0%
CMY	0.9922, 0.5882, 0.9961
CMYK	0.98, 0.00, 0.99, 0.59
HSL	119°, 98%, 21%
HSV	119°, 99%, 41%
XYZ	5.0821, 10.1182, 1.7139
YIQ	62.3470, -28.0040, -54.1800

Conversions

Conversions Part 2

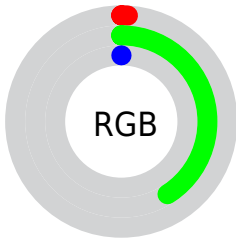
Format	Color
RYB	1, 105, 104
Decimal	157953
CIELab	38.05, -44.62, 43.07
CIELCh	38, 62.021, 136.013
Yxy	10.1182, 0.3005, 0.5982
Android (android.graphics.Color)	4278348033 (0xFF026901)
YUV	62.3470, -30.2441, -52.9243
Hunter-Lab	31.8092, -27.1475, 19.0719

Details

The Android color **4278348033** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4285006185**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4283079994**, and **4278204416** is the 20% darker color. If you saturate the color by 10%, you get **4278282496**, and if you desaturate by 10%, it is **4279003403**.

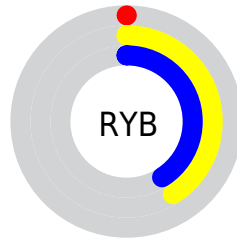
Distribution



Red (1%)

Green (41%)

Blue (0%)



Red (0%)

Yellow (41%)

Blue (41%)

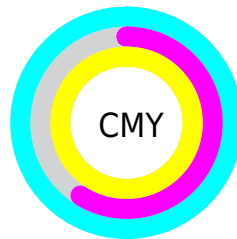


Cyan (98%)

Magenta (0%)

Yellow (99%)

Black (59%)



Cyan (99%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278348033 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 4278348033 by changing the saturation by 10% instead.

 4278348033

 4278348033

 4294967288

 4278210560

 4283079994

 4278204416

 4284922196

 4278199040

 4286764397

 4278190080

 4288606600

 4290445219

 4292345790

 4294311899

 4278348033

 4278348033

■ 4278282496

■ 4279003403

■ 4279724310

■ 4280379681

■ 4281100587

■ 4281755957

■ 4282411328

■ 4283132234

■ 4283787605

■ 4284508512

Harmonies

Analogous

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



4283785216



4278348033



4278218303

Triad

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



4278348033



4278216380



4289729857

Complementary

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



4278348033



4285006185

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.



4289076339



4278348033



4278212539

Square

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



4278348033



4278218146



4286332320



4288754959

Rectangle

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



4278348033



4278218595



4286332320



4289663058

Sweetspot

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



4278348033



4284582496



4285097729



4281091372



4291085508



4282729797

Same Dimension

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



4278348033



4278290944



4278282547



4281349680



4278285568



4278383872

Inverse Universe

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



4285006185



4287103114



4285071671



4281675830



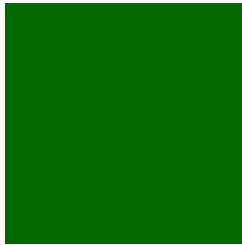
4285792373



4294050037

Previews

White Background



This preview shows how the Android color 4278348033 looks on a white background.

Color Contrast Check

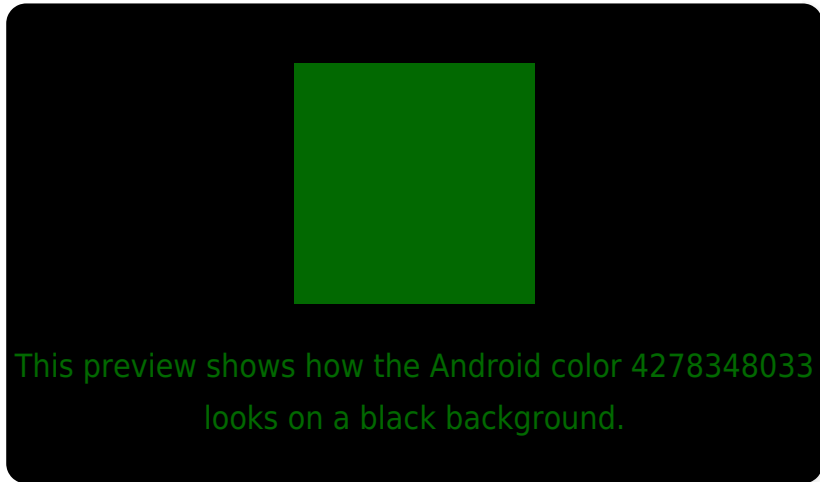
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

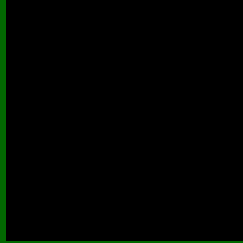
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278348033 Background



This preview shows how black text looks on a background with the Android color 4278348033.



This preview shows how white text looks on a background with the Android color 4278348033.

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
4278348033

Protanopia
4284832256

Deuteranopia
4285617431

Trichromacy



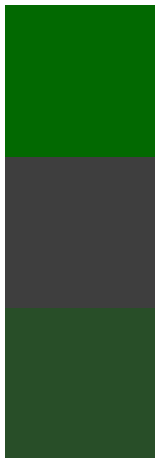
Original Color
4278348033

Protanomaly
4282474240

Deuteranomaly
4282997775

Tritanomaly
4280116548

Monochromacy



Original Color
4278348033

Achromatopsia
4282269246

Achromatomaly
4280831528

CSS Examples

Text

The CSS property to change the color of the text to Android 4278348033 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(2, 105, 1)` looks like.

```
.text, #text, p{  
    color:rgb(2, 105, 1)  
}
```

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(2, 105, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 105, 1) }
```

Border

The CSS property to change the border of an element to Android 4278348033 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(2, 105, 1) }
```

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

```
.border{ border-color:rgb(2, 105, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 105, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 105, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 105, 1); box-shadow:4px  
4px 4px 4px rgb(2, 105, 1) }
```

Background

The CSS property to change the background color of an element to Android 4278348033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 105, 1) }
```

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

```
.background{ background-color: rgb(2, 105,  
1) }
```

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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