

Converting Colors

Android(4278339072)

Have a look what the booklet for
Android(4278339072) contains.

Android(4278339072)	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(4278339072)

Conversions

Conversions Part 1

Format	Color
Hex	024600
RGB	2, 70, 0
RGB Percent	1%, 27%, 0%
CMY	0.9922, 0.7255, 1.0000
CMYK	0.97, 0.00, 1.00, 0.73
HSL	118°, 100%, 14%
HSV	118°, 100%, 27%
XYZ	2.2152, 4.3932, 0.7312
YIQ	41.6880, -18.0580, -36.1860

Conversions

Conversions Part 2

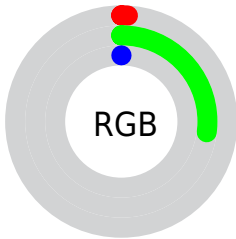
Format	Color
RYB	0, 70, 68
Decimal	148992
CIELab	24.93, -33.60, 32.53
CIELCh	25, 46.768, 135.935
Yxy	4.3932, 0.3018, 0.5986
Android (android.graphics.Color)	4278339072 (0xFF024600)
YUV	41.6880, -20.5522, -34.8064
Hunter-Lab	20.9600, -17.8150, 12.6036

Details

The Android color **4278339072** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282646598**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4282218289**, and **4278196736** is the 20% darker color. If you saturate the color by 10%, you get **4278339072**, and if you desaturate by 10%, it is **4278797831**.

Distribution



Red (1%)

Green (27%)

Blue (0%)



Red (0%)

Yellow (27%)

Blue (27%)

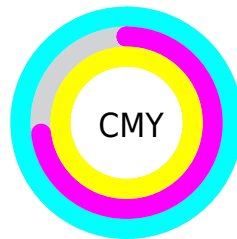


Cyan (97%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (99%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278339072 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 4278339072 by changing the saturation by 10% instead.

 4278339072

 4278339072

 4294836200

 4278202112

 4282218289

 4278196736


 4283928905

 4278190080

 4285705313

 4287416443

 4289258645

 4291100592

 4292935628

 4278339072

■ 4278797831

■ 4279256590

■ 4279649813

■ 4280108572

■ 4280567331

■ 4281026090

■ 4281484849

■ 4281878072

■ 4282336831

Harmonies

Analogous

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



4281941760



4278339072



4278208809

Triad

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



4278339072



4278207616



4286057514

Complementary

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



4278339072



4282646598

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.



4285599821



4278339072



4278204800

Square

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



4278339072



4278208878



4283639661



4285341958

Rectangle

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



4278339072



4278209089



4283639661



4286056502

Sweetspot

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



4278339072



4282473536



4282795008



4280167965



4289572269



4281216558

Same Dimension

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



4278339072



4278410240



4278208033



4280296480



4278412032



4278641408

Inverse Universe

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



4282646598



4284022876



4282777637



4280557604



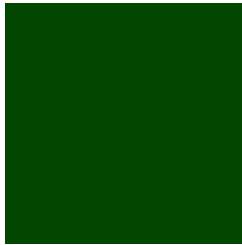
4284547171



4292608227

Previews

White Background



This preview shows how the Android color 4278339072 looks on a white background.

Color Contrast Check

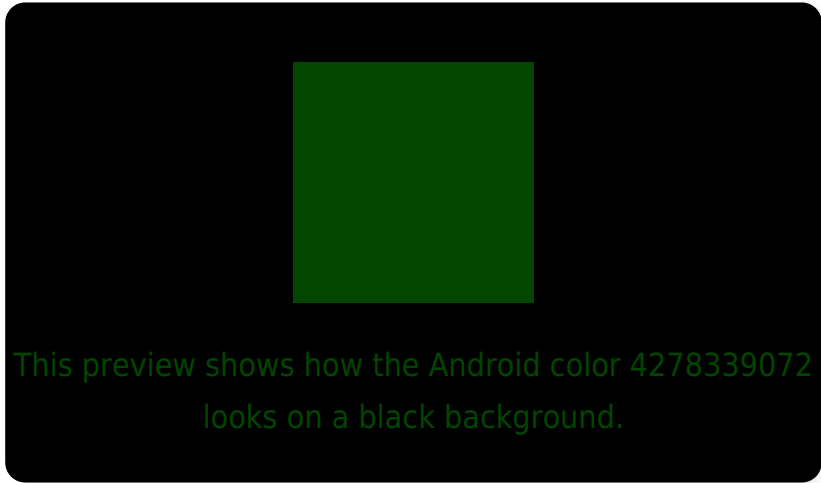
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

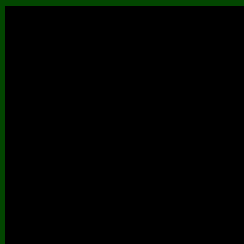
Any Text WCAG AA × Fail

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 4278339072 Background



This preview shows how black text looks on a background with the Android color 4278339072.



This preview shows how white text looks on a background with the Android color 4278339072.

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
4278339072

Protanopia
4282596352

Deuteranopia
4283119887

Trichromacy



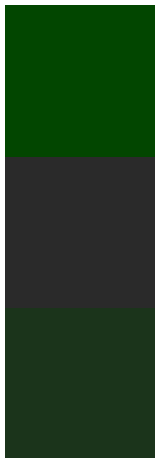
Original Color
4278339072

Protanomaly
4281024512

Deuteranomaly
4281351690

Tritanomaly
4279452461

Monochromacy



Original Color
4278339072

Achromatopsia
4280953386

Achromatomaly
4279972891

CSS Examples

Text

The CSS property to change the color of the text to Android 4278339072 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, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(2, 70, 0)  
}
```

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, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 70, 0) }
```

Border

The CSS property to change the border of an element to Android 4278339072 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, 70, 0) }
```

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

```
.border{ border-color:rgb(2, 70, 0) }
```

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

Here you see how a box with a 4 pixel rgb(2, 70, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 70, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 70, 0); box-shadow:4px  
4px 4px 4px rgb(2, 70, 0) }
```

Background

The CSS property to change the background color of an element to Android 4278339072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 70, 0) }
```

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

```
.background{ background-color: rgb(2, 70,  
0) }
```

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