

Converting Colors

Android(4279064871)

Have a look what the booklet for
Android(4279064871) contains.

Android(4279064871)	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(4279064871)

Conversions

Conversions Part 1

Format	Color
Hex	0D5927
RGB	13, 89, 39
RGB Percent	5%, 35%, 15%
CMY	0.9490, 0.6510, 0.8471
CMYK	0.85, 0.00, 0.56, 0.65
HSL	141°, 75%, 20%
HSV	141°, 85%, 35%
XYZ	4.1046, 7.3768, 3.1270
YIQ	60.5760, -29.2460, -31.6620

Conversions

Conversions Part 2

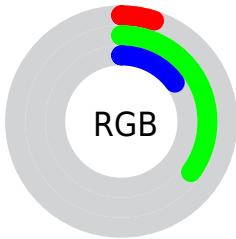
Format	Color
RYB	13, 70, 89
Decimal	874791
CIELab	32.65, -34.28, 22.63
CIELCh	33, 41.075, 146.565
Yxy	7.3768, 0.2810, 0.5050
Android (android.graphics.Color)	4279064871 (0xFF0D5927)
YUV	60.5760, -10.6370, -41.7242
Hunter-Lab	27.1603, -20.5549, 12.1861

Details

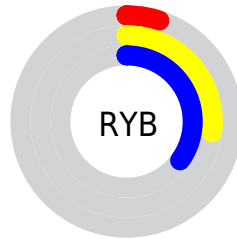
The Android color **4279064871** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4284026175**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4282879061**, and **4278200832** is the 20% darker color. If you saturate the color by 10%, you get **4278475041**, and if you desaturate by 10%, it is **4279654701**.

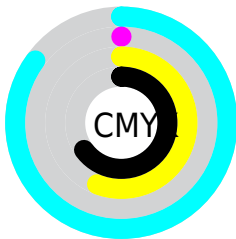
Distribution



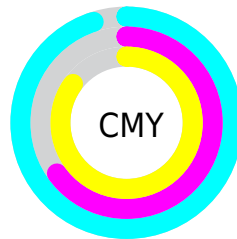
- Red (5%)
- Green (35%)
- Blue (15%)



- Red (5%)
- Yellow (27%)
- Blue (35%)



- Cyan (85%)
- Magenta (0%)
- Yellow (56%)
- Black (65%)



- Cyan (95%)
- Magenta (65%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279064871 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 4279064871 by changing the saturation by 10% instead.



4279064871



4279064871

4294967295



4278206737



4282879061



4278200832



4284589934



4278194432



4286366344



4278190080



4288143010



4289985469



4291821529



4293722102



4279064871



4279064871

■ 4278475041

■ 4279654701

■ 4278212894

■ 4280244531

■ 4280834361

■ 4281424190

■ 4281948484

■ 4282538314

■ 4283128144

■ 4283717974

■ 4284307804

Harmonies

Analogous

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



4282471178



4279064871



4278213704

Triad

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



4279064871



4278211214



4286918706

Complementary

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



4279064871



4284026175

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.



4286852434



4279064871



4282730119

Square

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



4279064871



4278212994



4285544305



4286070038

Rectangle

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



4279064871



4278213726



4285544305



4287049020

Sweetspot

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



4279064871



4283790175



4282407181



4280826671



4290427578



4282071867

Same Dimension

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



4279064871



4278219559



4279064908



4280757032



4278217509



4278250320

Inverse Universe

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



4284026175



4285726795



4284026138



4281018154



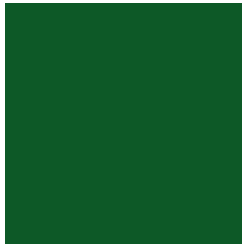
4285202502



4293591194

Previews

White Background



This preview shows how the Android color 4279064871 looks on a white background.

Color Contrast Check

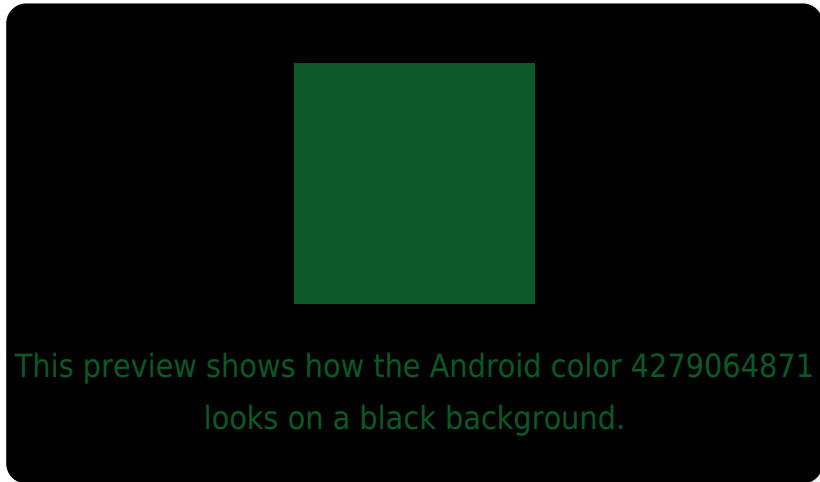
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279064871 Background



This preview shows how black text looks on a background with the Android color 4279064871.



This preview shows how white text looks on a background with the Android color 4279064871.

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
4279064871

Protanopia
4283780387

Deuteranopia
4284369195

Trichromacy



Original Color
4279064871

Protanomaly
4282077476

Deuteranomaly
4282470186

Tritanomaly
4280047175

Monochromacy



Original Color
4279064871

Achromatopsia
4282203453

Achromatomaly
4281091893

CSS Examples

Text

The CSS property to change the color of the text to Android 4279064871 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(13, 89, 39)` looks like.

```
.text, #text, p{  
    color:rgb(13, 89, 39)  
}
```

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(13, 89, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 89, 39) }
```

Border

The CSS property to change the border of an element to Android 4279064871 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(13, 89, 39) }
```

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

```
.border{ border-color:rgb(13, 89, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 89, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 89, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 89, 39);  
box-shadow:4px 4px 4px 4px rgb(13, 89, 39)  
}
```

Background

The CSS property to change the background color of an element to Android 4279064871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 89, 39) }
```

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

```
.background{ background-color: rgb(13, 89,  
39) }
```

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