

Converting Colors

Android(4280371229)

Have a look what the booklet for
Android(4280371229) contains.

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Color

Android(4280371229)

Conversions

Conversions Part 1

Format	Color
Hex	21481D
RGB	33, 72, 29
RGB Percent	13%, 28%, 11%
CMY	0.8706, 0.7176, 0.8863
CMYK	0.54, 0.00, 0.60, 0.72
HSL	114°, 43%, 20%
HSV	114°, 60%, 28%
XYZ	3.1663, 5.0468, 1.9696
YIQ	55.4370, -9.4410, -21.6410

Conversions

Conversions Part 2

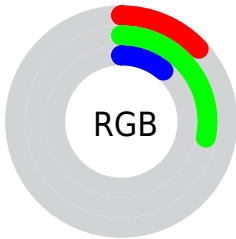
Format	Color
RYB	29, 72, 68
Decimal	2181149
CIELab	26.87, -23.89, 21.41
CIElCh	27, 32.080, 138.138
Yxy	5.0468, 0.3110, 0.4956
Android (android.graphics.Color)	4280371229 (0xFF21481D)
YUV	55.4370, -13.0334, -19.6772
Hunter-Lab	22.4650, -14.1551, 10.5272

Details


The Android color **4280371229** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282654024**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4283529546**, and **4278197760** is the 20% darker color. If you saturate the color by 10%, you get **4279912470**, and if you desaturate by 10%, it is **4280829988**.

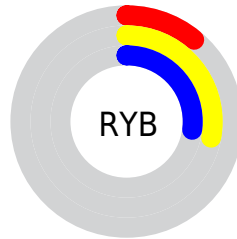
Distribution



 Red (13%)

 Green (28%)

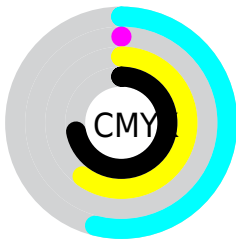
 Blue (11%)




 Red (11%)

 Yellow (28%)

 Blue (27%)

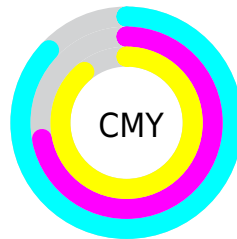



 Cyan (54%)

 Magenta (0%)

 Yellow (60%)

 Black (72%)



 Cyan (87%)

 Magenta (72%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280371229 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 4280371229 by changing the saturation by 10% instead.



4280371229



4280371229

4294967295



4278792454



4283529546



4278197760



4285174626



4278190080



4286885499



4288596373



4290438576



4292280268



4294115304



4280371229



4280371229

■ 4279912470

■ 4280829988

■ 4279519247

■ 4281223211

■ 4279060487

■ 4281681971

■ 4278667264

■ 4282075194

■ 4282533953

■ 4282927176

■ 4283385935

■ 4283779159

■ 4284237918

Harmonies

Analogous

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



4282270476



4280371229



4278209333

Triad

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



4280371229



4278207855



4285278514

Complementary

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



4280371229



4282654024

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.



4284951114



4280371229



4281220462

Square

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



4280371229



4278209124



4283642720



4284821788

Rectangle

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



4280371229



4278209350



4283642720



4285278522

Sweetspot

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



4280371229



4283391565



4282926109



4280758310



4289769648



4281348144

Same Dimension

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



4280371229



4280376858



4280109102



4280296480



4278805248



4279624448

Inverse Universe

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



4282654024



4283963998



4282916151



4280492068



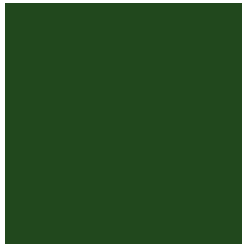
4284088419



4291690723

Previews

White Background



This preview shows how the Android color 4280371229 looks on a white background.

Color Contrast Check

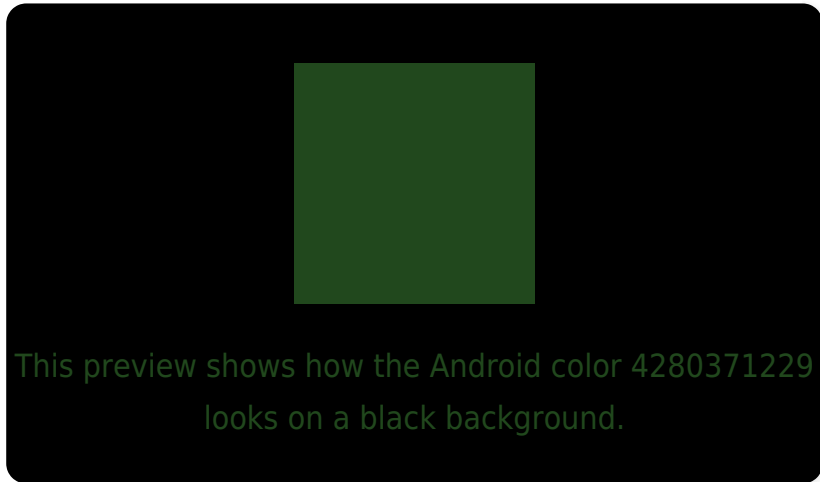
Large Text (above 18pt) WCAG AA ✓ Pass

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

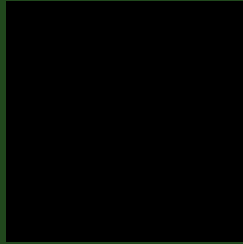
Any Text WCAG AA × Fail

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 4280371229 Background



This preview shows how black text looks on a background with the Android color 4280371229.



This preview shows how white text looks on a background with the Android color 4280371229.

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
4280371229

Protanopia
4282859290

Deuteranopia
4283317280

Trichromacy



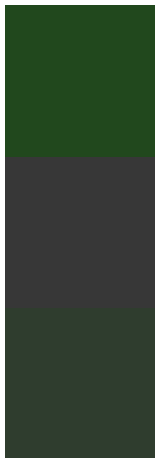
Original Color
4280371229

Protanomaly
4281942555

Deuteranomaly
4282269727

Tritanomaly
4280763705

Monochromacy



Original Color
4280371229

Achromatopsia
4281808695

Achromatomaly
4281285934

CSS Examples

Text

The CSS property to change the color of the text to Android 4280371229 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(33, 72, 29)` looks like.

```
.text, #text, p{  
    color:rgb(33, 72, 29)  
}
```

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(33, 72, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 72, 29) }
```

Border

The CSS property to change the border of an element to Android 4280371229 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(33, 72, 29) }
```

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

```
.border{ border-color:rgb(33, 72, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 72, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 72, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 72, 29);  
box-shadow:4px 4px 4px 4px rgb(33, 72, 29)  
}
```

Background

The CSS property to change the background color of an element to Android 4280371229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 72, 29) }
```

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

```
.background{ background-color: rgb(33, 72,  
29) }
```

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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