

Converting Colors

Android(4280972071)

Have a look what the booklet for
Android(4280972071) contains.

Android(4280972071)	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(4280972071)

Conversions

Conversions Part 1

Format	Color
Hex	2A7327
RGB	42, 115, 39
RGB Percent	16%, 45%, 15%
CMY	0.8353, 0.5490, 0.8471
CMYK	0.63, 0.00, 0.66, 0.55
HSL	118°, 49%, 30%
HSV	118°, 66%, 45%
XYZ	7.4518, 12.9002, 4.0167
YIQ	84.5090, -19.1120, -39.1120

Conversions

Conversions Part 2

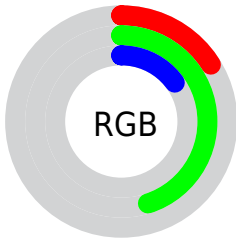
Format	Color
R_{YB}	39, 115, 112
Decimal	2781991
CIE _{Lab}	42.61, -38.64, 34.48
CIE _{LCh}	43, 51.787, 138.259
Yxy	12.9002, 0.3058, 0.5294
Android (android.graphics.Color)	4280972071 (0xFF2A7327)
YUV	84.5090, -22.4359, -37.2804
Hunter-Lab	35.9168, -25.8205, 18.5112

Details

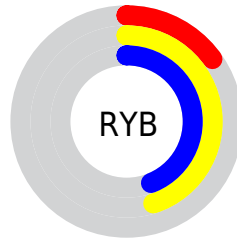
The Android color `4280972071` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4285540211`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4284524632`, and `4278206976` is the 20% darker color. If you saturate the color by 10%, you get `4280251164`, and if you desaturate by 10%, it is `4281692979`.

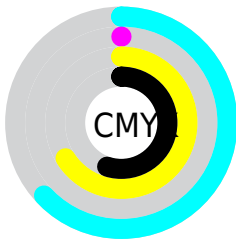
Distribution



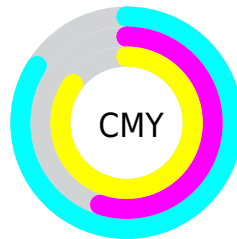
- Red (16%)
- Green (45%)
- Blue (15%)



- Red (15%)
- Yellow (45%)
- Blue (44%)



- Cyan (63%)
- Magenta (0%)
- Yellow (66%)
- Black (55%)



- Cyan (84%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280972071 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 4280972071 by changing the saturation by 10% instead.



4280972071



4280972071

4294967295



4278606350



4284524632



4278206976



4286301041



4278201088



4288143243



4278194432



4289985702



4278190080



4291821505



4293722077



4294967290



4280972071



4280972071

■ 4280251164

■ 4281692979

■ 4279530256

■ 4282413886

■ 4278809349

■ 4283134794

■ 4278547200

■ 4283855701

■ 4284576609

■ 4285297516

■ 4286018424

■ 4286739331

■ 4287460239

Harmonies

Analogous

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



4284508672



4280972071



4278220626

Triad

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



4280972071



4278218425



4289804876

Complementary

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



4280972071



4285540211

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.



4289280887



4280972071



4282409142

Square

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



4280972071



4278220452



4287057310



4288891429

Rectangle

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



4280972071



4278220912



4287057310



4289804379

Sweetspot

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



4280972071



4286223992



4285755175



4282076474



4291611852



4283256141

Same Dimension

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



4280972071



4280587808



4280775497



4281678645



4278548992



4278909440

Inverse Universe

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



4285540211



4287766678



4285736785



4282004795



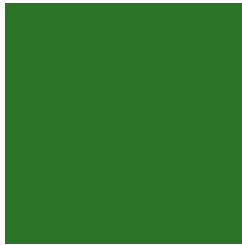
4285923450



4293918970

Previews

White Background



This preview shows how the Android color 4280972071 looks on a white background.

Color Contrast Check

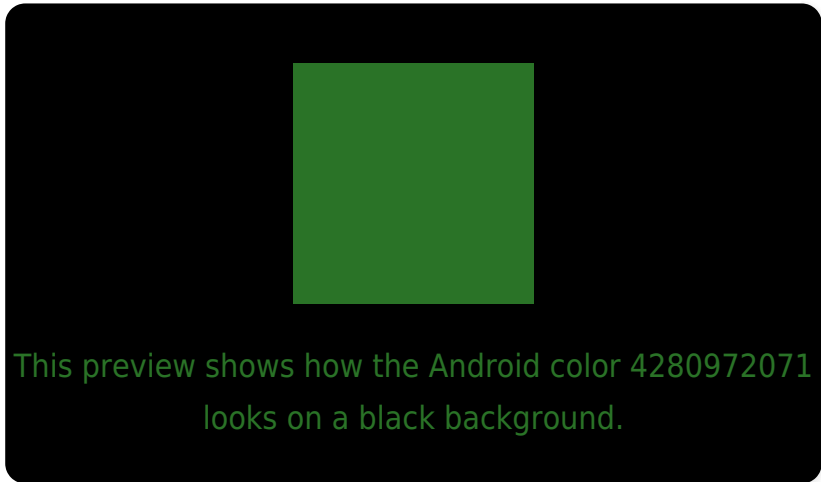
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280972071 Background



This preview shows how black text looks on a background with the Android color 4280972071.



This preview shows how white text looks on a background with the Android color 4280972071.

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
4280972071

Protanopia
4285555747

Deuteranopia
4286340909

Trichromacy



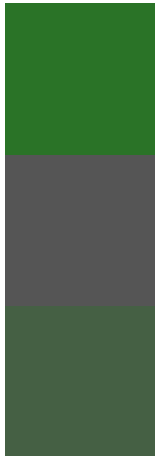
Original Color
4280972071

Protanomaly
4283918628

Deuteranomaly
4284376619

Tritanomaly
4281757528

Monochromacy



Original Color
4280972071

Achromatopsia
4283782485

Achromatomaly
4282736708

CSS Examples

Text

The CSS property to change the color of the text to Android 4280972071 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(42, 115, 39)` looks like.

```
.text, #text, p{  
    color:rgb(42, 115, 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(42, 115, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 115, 39) }
```

Border

The CSS property to change the border of an element to Android 4280972071 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(42, 115, 39) }
```

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

```
.border{ border-color:rgb(42, 115, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 115, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 115, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 115, 39);  
box-shadow:4px 4px 4px 4px rgb(42, 115,  
39) }
```

Background

The CSS property to change the background color of an element to Android 4280972071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 115, 39) }
```

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

```
.background{ background-color: rgb(42, 115,  
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