

Converting Colors

Android(4280501571)

Have a look what the booklet for
Android(4280501571) contains.

Android(4280501571)	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(4280501571)

Conversions

Conversions Part 1

Format	Color
Hex	234543
RGB	35, 69, 67
RGB Percent	14%, 27%, 26%
CMY	0.8627, 0.7294, 0.7373
CMYK	0.49, 0.00, 0.03, 0.73
HSL	176°, 33%, 20%
HSV	176°, 49%, 27%
XYZ	3.8344, 5.0188, 6.0768
YIQ	58.6060, -19.6220, -7.8300

Conversions

Conversions Part 2

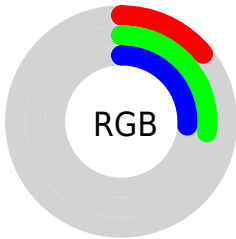
Format	Color
R_{YB}	35, 53, 69
Decimal	2311491
CIE _{Lab}	26.79, -12.95, -2.66
CIE _{LCh}	27, 13.219, 191.600
Yxy	5.0188, 0.2568, 0.3362
Android (android.graphics.Color)	4280501571 (0xFF234543)
YUV	58.6060, 4.1382, -20.7025
Hunter-Lab	22.4027, -8.6533, -0.4007

Details

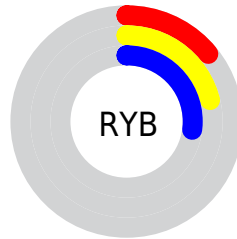
The Android color **4280501571** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282721061**, and the grayscale version is **4282071867**.

A 20% lighter version of the original color is **4283594099**, and **4278197016** is the 20% darker color. If you saturate the color by 10%, you get **4280042819**, and if you desaturate by 10%, it is **4280960323**.

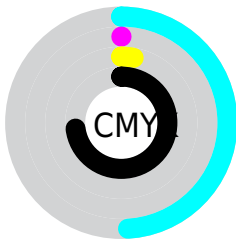
Distribution



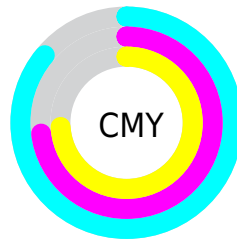
- Red (14%)
- Green (27%)
- Blue (26%)



- Red (14%)
- Yellow (21%)
- Blue (27%)



- Cyan (49%)
- Magenta (0%)
- Yellow (3%)
- Black (73%)



- Cyan (86%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280501571 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 4280501571 by changing the saturation by 10% instead.



4280501571



4280501571

4294967295



4278923053



4283594099



4278197016



4285239180



4278190080



4286950055



4288726466



4290503134



4292345594



4294180863



4280501571



4280501571

■ 4280042819

■ 4280960323

■ 4279584066

■ 4281419076

■ 4279125314

■ 4281877828

■ 4278666561

■ 4282336581

■ 4278273345

■ 4282795333

■ 4278207809

■ 4283188549

■ 4283647302

■ 4284106054

■ 4284564807

Harmonies

Analogous

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



4281091129



4280501571



4280435788

Triad

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



4280501571



4282792782



4283186476

Complementary

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



4280501571



4282721061

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.



4283578930



4280501571



4283382086

Square

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



4280501571



4281876307



4283709500



4282597420

Rectangle

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



4280501571



4280763217



4283709500



4283382574

Sweetspot

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



4280501571



4283193688



4280632611



4280692269



4289572269



4281216558

Same Dimension

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



4280501571



4280637782



4280497733



4280296483



4278215518



4278248406

Inverse Universe

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



4282721061



4284032296



4282724899



4280557600



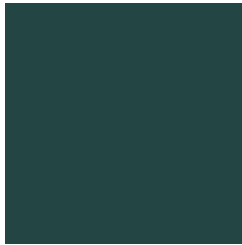
4284678150



4293066765

Previews

White Background



This preview shows how the Android color 4280501571 looks on a white background.

Color Contrast Check

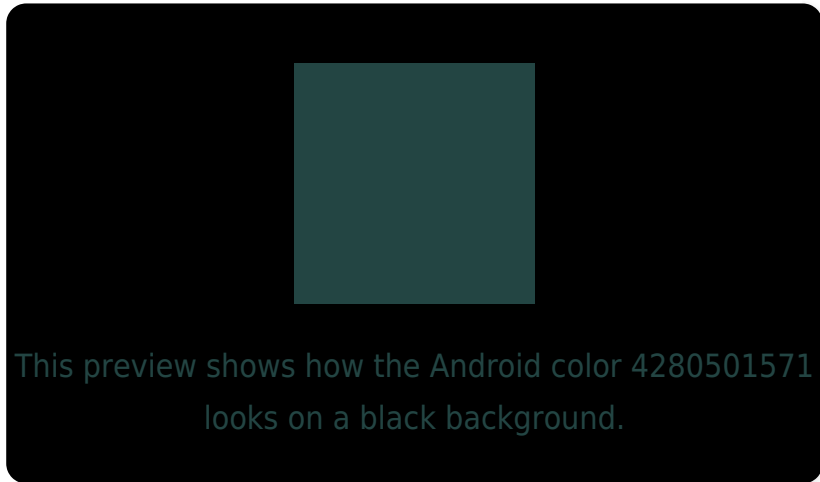
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280501571 Background



This preview shows how black text looks on a background with the Android color 4280501571.



This preview shows how white text looks on a background with the Android color 4280501571.

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

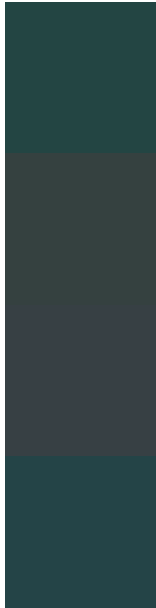


Original Color
4280501571

Protanopia
4282400575

Deuteranopia
4282596677

Trichromacy



Original Color
4280501571

Protanomaly
4281680192

Deuteranomaly
4281811012

Tritanomaly
4280566855

Monochromacy



Original Color
4280501571

Achromatopsia
4282071867

Achromatomaly
4281483070

CSS Examples

Text

The CSS property to change the color of the text to Android 4280501571 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(35, 69, 67)` looks like.

```
.text, #text, p{  
    color:rgb(35, 69, 67)  
}
```

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(35, 69, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 69, 67) }
```

Border

The CSS property to change the border of an element to Android 4280501571 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(35, 69, 67) }
```

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

```
.border{ border-color:rgb(35, 69, 67) }
```

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

Here you see how a box with a 4 pixel rgb(35, 69, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 69, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 69, 67);  
box-shadow:4px 4px 4px 4px rgb(35, 69, 67)  
}
```

Background

The CSS property to change the background color of an element to Android 4280501571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 69, 67) }
```

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

```
.background{ background-color: rgb(35, 69,  
67) }
```

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