

Converting Colors

Android(4280501001)

Have a look what the booklet for
Android(4280501001) contains.

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Color

Android(4280501001)

Conversions

Conversions Part 1

Format	Color
Hex	234309
RGB	35, 67, 9
RGB Percent	14%, 26%, 4%
CMY	0.8627, 0.7373, 0.9647
CMYK	0.48, 0.00, 0.87, 0.74
HSL	93°, 76%, 15%
HSV	93°, 87%, 26%
XYZ	2.7496, 4.3914, 0.9611
YIQ	50.8200, -0.4540, -24.8220

Conversions

Conversions Part 2

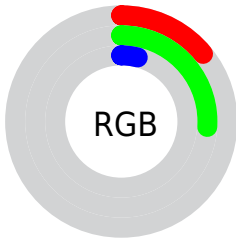
Format	Color
R_{YB}	9, 67, 41
Decimal	2310921
CIE Lab	24.93, -22.91, 29.23
CIE LCh	25, 37.137, 128.094
Yxy	4.3914, 0.3394, 0.5420
Android (android.graphics.Color)	4280501001 (0xFF234309)
YUV	50.8200, -20.6173, -13.8741
Hunter-Lab	20.9556, -13.2511, 11.9495

Details

The Android color **4280501001** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4280879427**, and the grayscale version is **4281545523**.

A 20% lighter version of the original color is **4283659064**, and **4278196736** is the 20% darker color. If you saturate the color by 10%, you get **4280238850**, and if you desaturate by 10%, it is **4280763152**.

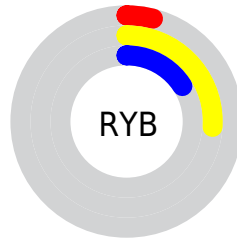
Distribution



Red (14%)

Green (26%)

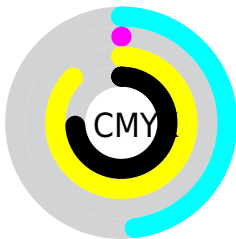
Blue (4%)



Red (4%)

Yellow (26%)

Blue (16%)

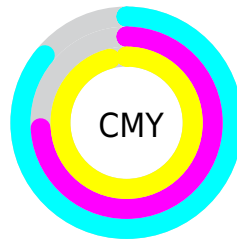


Cyan (48%)

Magenta (0%)

Yellow (87%)

Black (74%)



Cyan (86%)

Magenta (74%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280501001 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 4280501001 by changing the saturation by 10% instead.



4280501001



4280501001



4294967279



4279053312



4283659064



4278196736



4285304143



4278190080



4287015016



4288791426



4290633628



4292476087



4294311891



4280501001



4280501001

■ 4280238850

■ 4280763152

■ 4280173312

■ 4280959766

■ 4281221917

■ 4281484068

■ 4281680683

■ 4281942833

■ 4282204984

■ 4282467135

■ 4282663749

Harmonies

Analogous

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



4282530816



4280501001



4278208293

Triad

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



4280501001



4278207599



4285340981

Complementary

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



4280501001



4280879427

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.



4284621649



4280501001



4278205555

Square

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



4280501001



4278208349



4282724456



4285015322

Rectangle

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



4280501001



4278208568



4282724456



4285210174

Sweetspot

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



4280501001



4283062080



4282591497



4280560414



4289440683



4281019179

Same Dimension

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



4280501001



4280768256



4278797068



4280230174



4281032960



4284866560

Inverse Universe

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



4280879427



4281335895



4282583360



4280294945



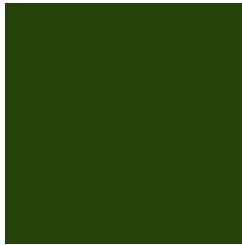
4281663585



4286316768

Previews

White Background



This preview shows how the Android color 4280501001 looks on a white background.

Color Contrast Check

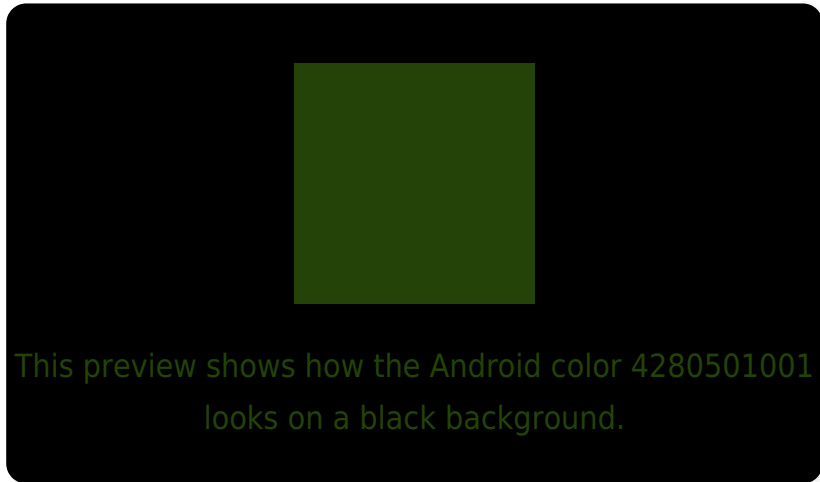
Large Text (above 18pt) WCAG AA ✓ Pass

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

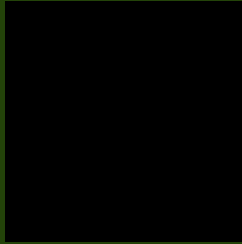
Any Text WCAG AA × Fail

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 4280501001 Background



This preview shows how black text looks on a background with the Android color 4280501001.



This preview shows how white text looks on a background with the Android color 4280501001.

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
4280501001

Protanopia
4282596102

Deuteranopia
4283054096

Trichromacy



Original Color
4280501001

Protanomaly
4281810439

Deuteranomaly
4282137613

Tritanomaly
4280893486

Monochromacy



Original Color
4280501001

Achromatopsia
4281545523

Achromatomaly
4281153828

CSS Examples

Text

The CSS property to change the color of the text to Android 4280501001 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, 67, 9)` looks like.

```
.text, #text, p{  
    color:rgb(35, 67, 9)  
}
```

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, 67, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 67, 9) }
```

Border

The CSS property to change the border of an element to Android 4280501001 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, 67, 9) }
```

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

```
.border{ border-color:rgb(35, 67, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 67, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 67, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 67, 9); box-shadow:4px  
4px 4px 4px rgb(35, 67, 9) }
```

Background

The CSS property to change the background color of an element to Android 4280501001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 67, 9) }
```

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

```
.background{ background-color: rgb(35, 67,  
9) }
```

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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