

Converting Colors

Android(4281091103)

Have a look what the booklet for
Android(4281091103) contains.

Android(4281091103)	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(4281091103)

Conversions

Conversions Part 1

Format	Color
Hex	2C441F
RGB	44, 68, 31
RGB Percent	17%, 27%, 12%
CMY	0.8275, 0.7333, 0.8784
CMYK	0.35, 0.00, 0.54, 0.73
HSL	99°, 37%, 19%
HSV	99°, 54%, 27%
XYZ	3.3532, 4.7686, 2.0400
YIQ	56.6060, -2.4270, -16.5950

Conversions

Conversions Part 2

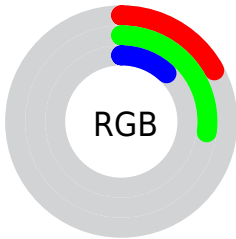
Format	Color
R_{YB}	31, 68, 55
Decimal	2901023
CIE _{Lab}	26.07, -17.33, 19.41
CIE _{LCh}	26, 26.017, 131.763
Yxy	4.7686, 0.3300, 0.4693
Android (android.graphics.Color)	4281091103 (0xFF2C441F)
YUV	56.6060, -12.6238, -11.0555
Hunter-Lab	21.8372, -10.8061, 9.7472

Details

The Android color **4281091103** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281802564**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4284183628**, and **4278196736** is the 20% darker color. If you saturate the color by 10%, you get **4280828952**, and if you desaturate by 10%, it is **4281353254**.

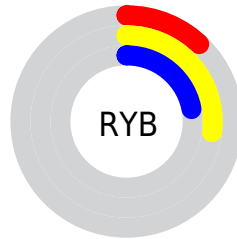
Distribution



Red (17%)

Green (27%)

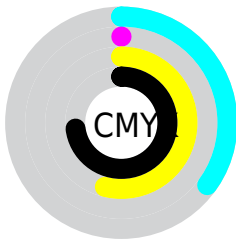
Blue (12%)



Red (12%)

Yellow (27%)

Blue (22%)

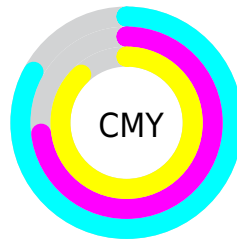


Cyan (35%)

Magenta (0%)

Yellow (54%)

Black (73%)



Cyan (83%)

Magenta (73%)


Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281091103 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 4281091103 by changing the saturation by 10% instead.

 4281091103

 4281091103

4294967295

 4279643656

 4284183628


 4278196736

 4285828708

 4278190080

 4287539325

 4289315991

 4291092658

 4292934862

 4294836202

 4281091103

 4281091103

■ 4280828952

■ 4281353254

■ 4280501265

■ 4281680941

■ 4280239115

■ 4281943091

■ 4279911428

■ 4282270778

■ 4279780352

■ 4282532929

■ 4282795080

■ 4283122767

■ 4283384917

■ 4283712604

Harmonies

Analogous

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



4282531605



4281091103



4278929201

Triad

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



4281091103



4278207331



4284689719

Complementary

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



4281091103



4281802564

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.



4284231499



4281091103



4280958308

Square

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



4281091103



4278208343



4282987867



4284428580

Rectangle

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



4281091103



4278208574



4282987867



4284624189

Sweetspot

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



4281091103



4283455819



4282660383



4280823333



4289572269



4281216558

Same Dimension

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



4281091103



4281620767



4280239140



4280230174



4280443136



4283424768

Inverse Universe

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



4281802564



4282720089



4282654527



4280294945



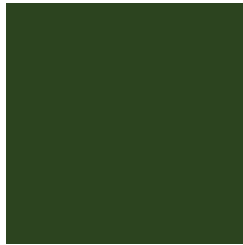
4282318945



4287758560

Previews

White Background



This preview shows how the Android color 4281091103 looks on a white background.

Color Contrast Check

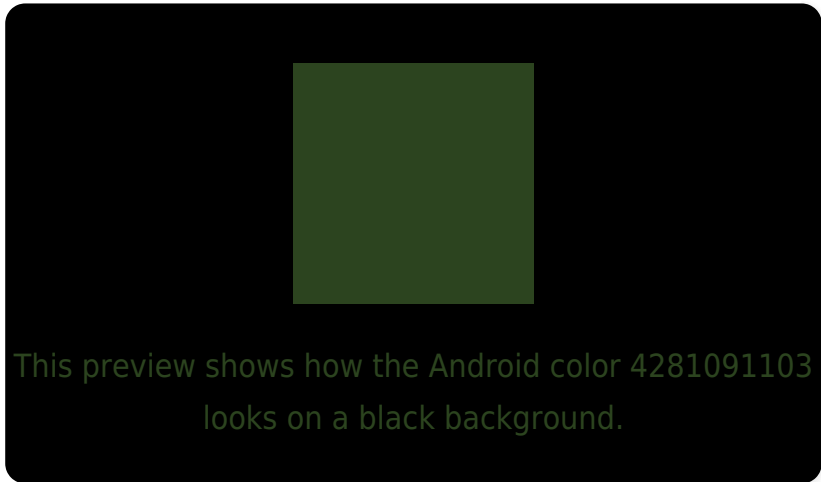
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281091103 Background



This preview shows how black text looks on a background with the Android color 4281091103.



This preview shows how white text looks on a background with the Android color 4281091103.

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
4281091103

Protanopia
4282662429

Deuteranopia
4283120417

Trichromacy



Original Color
4281091103

Protanomaly
4282073118

Deuteranomaly
4282400288

Tritanomaly
4281352503

Monochromacy



Original Color
4281091103

Achromatopsia
4281940281

Achromatomaly
4281613616

CSS Examples

Text

The CSS property to change the color of the text to Android 4281091103 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(44, 68, 31)` looks like.

```
.text, #text, p{  
    color:rgb(44, 68, 31)  
}
```

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(44, 68, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 68, 31) }
```

Border

The CSS property to change the border of an element to Android 4281091103 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(44, 68, 31) }
```

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

```
.border{ border-color:rgb(44, 68, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 68, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 68, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 68, 31);  
box-shadow:4px 4px 4px 4px rgb(44, 68, 31)  
}
```

Background

The CSS property to change the background color of an element to Android 4281091103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 68, 31) }
```

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

```
.background{ background-color: rgb(44, 68,  
31) }
```

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