

Converting Colors

Android(4280960537)

Have a look what the booklet for
Android(4280960537) contains.

Android(4280960537)	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(4280960537)

Conversions

Conversions Part 1

Format	Color
Hex	2A4619
RGB	42, 70, 25
RGB Percent	16%, 27%, 10%
CMY	0.8353, 0.7255, 0.9020
CMYK	0.40, 0.00, 0.64, 0.73
HSL	97°, 47%, 19%
HSV	97°, 64%, 27%
XYZ	3.3205, 4.9427, 1.6987
YIQ	56.4980, -2.2430, -19.9310

Conversions

Conversions Part 2

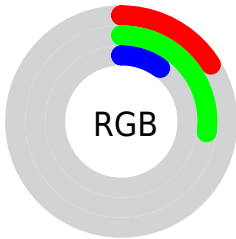
Format	Color
RYB	25, 70, 53
Decimal	2770457
CIELab	26.57, -20.04, 23.42
CIELCh	27, 30.829, 130.554
Yxy	4.9427, 0.3333, 0.4962
Android (android.graphics.Color)	4280960537 (0xFF2A4619)
YUV	56.4980, -15.5285, -12.7147
Hunter-Lab	22.2323, -12.2469, 11.0323

Details

The Android color **4280960537** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281669958**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4284118854**, and **4278197248** is the 20% darker color. If you saturate the color by 10%, you get **4280698386**, and if you desaturate by 10%, it is **4281222688**.

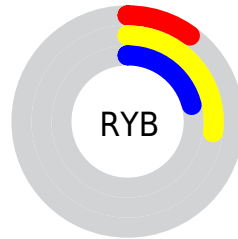
Distribution



Red (16%)

Green (27%)

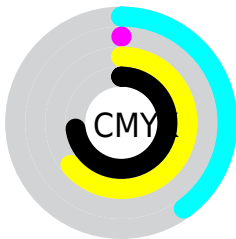
Blue (10%)



Red (10%)

Yellow (27%)

Blue (21%)

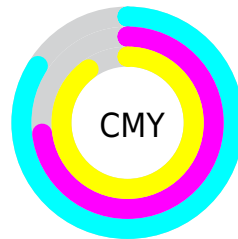


Cyan (40%)

Magenta (0%)

Yellow (64%)

Black (73%)



Cyan (84%)

Magenta (73%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280960537 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 4280960537 by changing the saturation by 10% instead.



4280960537



4280960537

4294967295



4279512832



4284118854



4278197248



4285763678



4278190080



4287474551



4289185425



4291027628



4292870087



4294770659



4280960537



4280960537

■ 4280698386

■ 4281222688

■ 4280370699

■ 4281550375

■ 4280108548

■ 4281812526

■ 4279911936

■ 4282074677

■ 4282402364

■ 4282664515

■ 4282926666

■ 4283254353

■ 4283516504

Harmonies

Analogous

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



4282662924



4280960537



4278208814

Triad

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



4280960537



4278208107



4285147447

Complementary

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



4280960537



4281669958

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.



4284623951



4280960537



4280369005

Square

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



4280960537



4278208861



4283118947



4284886817

Rectangle

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



4280960537



4278209087



4283118947



4285081919

Sweetspot

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



4280960537



4283522122



4282791193



4280757795



4289572269



4281216558

Same Dimension

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



4280960537



4281359381



4279846430



4280362016



4280705792



4283884288

Inverse Universe

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



4281669958



4282455388



4282784065



4280426532



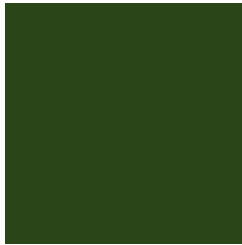
4282253411



4287430883

Previews

White Background



This preview shows how the Android color 4280960537 looks on a white background.

Color Contrast Check

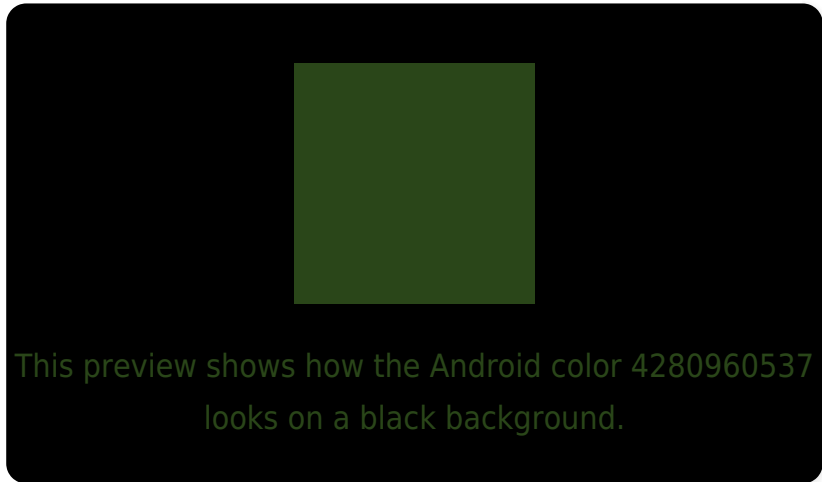
Large Text (above 18pt) WCAG AA ✓ Pass

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

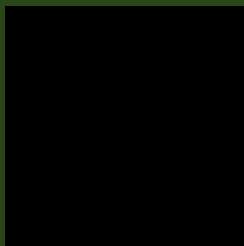
Any Text WCAG AA × Fail

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 4280960537 Background



This preview shows how black text looks on a background with the Android color 4280960537.



This preview shows how white text looks on a background with the Android color 4280960537.

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
4280960537

Protanopia
4282793751

Deuteranopia
4283317276



Tritanopia
4281418311

Trichromacy



Original Color
4280960537

Protanomaly
4282139160

Deuteranomaly
4282466331

Tritanomaly
4281221942

Monochromacy



Original Color
4280960537

Achromatopsia
4281874488

Achromatomaly
4281548077

CSS Examples

Text

The CSS property to change the color of the text to Android 4280960537 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, 70, 25)` looks like.

```
.text, #text, p{  
    color:rgb(42, 70, 25)  
}
```

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, 70, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 70, 25) }
```

Border

The CSS property to change the border of an element to Android 4280960537 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, 70, 25) }
```

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

```
.border{ border-color:rgb(42, 70, 25) }
```

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

Here you see how a box with a 4 pixel rgb(42, 70, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 70, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 70, 25);  
box-shadow:4px 4px 4px 4px rgb(42, 70, 25)  
}
```

Background

The CSS property to change the background color of an element to Android 4280960537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 70, 25) }
```

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

```
.background{ background-color: rgb(42, 70,  
25) }
```

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