

Converting Colors

Android(4281236239)

Have a look what the booklet for
Android(4281236239) contains.

Android(4281236239)	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(4281236239)

Conversions

Conversions Part 1

Format	Color
Hex	2E7B0F
RGB	46, 123, 15
RGB Percent	18%, 48%, 6%
CMY	0.8196, 0.5176, 0.9412
CMYK	0.63, 0.00, 0.88, 0.52
HSL	103°, 78%, 27%
HSV	103°, 88%, 48%
XYZ	8.2959, 14.7812, 2.8678
YIQ	87.6650, -11.2240, -49.9120

Conversions

Conversions Part 2

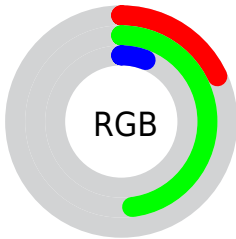
Format	Color
RYB	15, 123, 92
Decimal	3046159
CIELab	45.33, -42.58, 46.24
CIElCh	45, 62.856, 132.637
Yxy	14.7812, 0.3198, 0.5697
Android (android.graphics.Color)	4281236239 (0xFF2E7B0F)
YUV	87.6650, -35.8238, -36.5402
Hunter-Lab	38.4464, -28.7648, 22.4900

Details

The Android color `4281236239` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4284223355`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4284919878`, and `4278208768` is the 20% darker color. If you saturate the color by 10%, you get `4280646403`, and if you desaturate by 10%, it is `4281826075`.

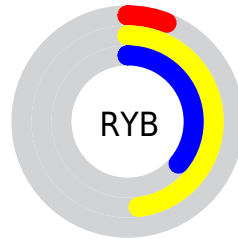
Distribution



Red (18%)

Green (48%)

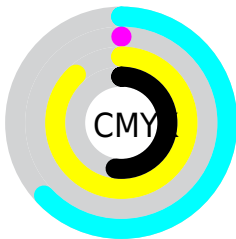
Blue (6%)



Red (6%)

Yellow (48%)

Blue (36%)

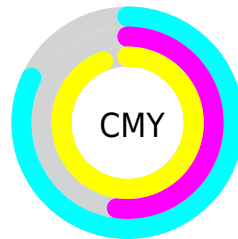


Cyan (63%)

Magenta (0%)

Yellow (88%)

Black (52%)



Cyan (82%)

Magenta (52%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281236239 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 4281236239 by changing the saturation by 10% instead.



4281236239



4281236239

4294967295



4278673920



4284919878



4278208768



4286762080



4278202880



4288604538



4278196992



4290445205



4278190080



4292345776



4294246348



4294967273



4281236239



4281236239

■ 4280646403

■ 4281826075

■ 4280515328

■ 4282415912

■ 4282940212

■ 4283530048

■ 4284119884

■ 4284709721

■ 4285234021

■ 4285823857

■ 4286413694

Harmonies

Analogous

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



4285427712



4281236239



4278223178

Triad

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



4281236239



4278221520



4291243608

Complementary

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



4281236239



4284223355

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.



4290328204



4281236239



4278217427

Square

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



4281236239



4278223282



4287124153



4290462757

Rectangle

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



4281236239



4278223471



4287124153



4291177577

Sweetspot

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



4281236239



4286816631



4286274319



4282405432



4291940817



4283585106

Same Dimension

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



4281236239



4281245952



4279204645



4281941303



4280581376



4282973184

Inverse Universe

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



4284223355



4285726881



4286254949



4282070845



4284022909



4289986812

Previews

White Background



This preview shows how the Android color 4281236239 looks on a white background.

Color Contrast Check

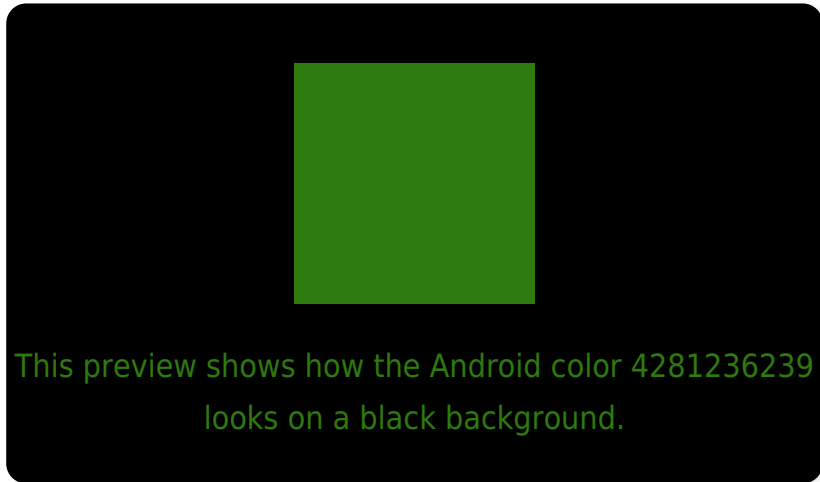
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281236239 Background



This preview shows how black text looks on a background with the Android color 4281236239.



This preview shows how white text looks on a background with the Android color 4281236239.

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
4281236239

Protanopia
4286081801

Deuteranopia
4286997789

Trichromacy



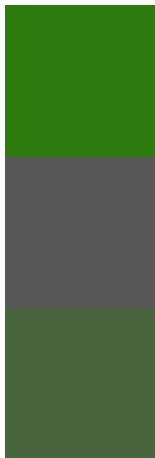
Original Color
4281236239

Protanomaly
4284313867

Deuteranomaly
4284902680

Tritanomaly
4282086740

Monochromacy



Original Color
4281236239

Achromatopsia
4283979864

Achromatomaly
4283000125

CSS Examples

Text

The CSS property to change the color of the text to Android 4281236239 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(46, 123, 15)` looks like.

```
.text, #text, p{  
    color:rgb(46, 123, 15)  
}
```

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(46, 123, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 123, 15) }
```

Border

The CSS property to change the border of an element to Android 4281236239 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(46, 123, 15) }
```

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

```
.border{ border-color:rgb(46, 123, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 123, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 123, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 123, 15);  
box-shadow:4px 4px 4px 4px rgb(46, 123,  
15) }
```

Background

The CSS property to change the background color of an element to Android 4281236239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 123, 15) }
```

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

```
.background{ background-color: rgb(46, 123,  
15) }
```

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