

Converting Colors

Android(4281003527)

Have a look what the booklet for
Android(4281003527) contains.

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Color

Android(4281003527)

Conversions

Conversions Part 1

Format	Color
Hex	2AEE07
RGB	42, 238, 7
RGB Percent	16%, 93%, 3%
CMY	0.8353, 0.0667, 0.9725
CMYK	0.82, 0.00, 0.97, 0.07
HSL	111°, 94%, 48%
HSV	111°, 97%, 93%
XYZ	31.5677, 61.6567, 10.4381
YIQ	153.0620, -42.6650, -113.3930

Conversions

Conversions Part 2

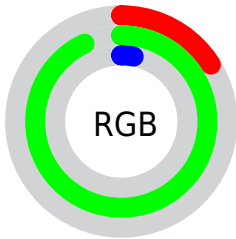
Format	Color
RYB	7, 238, 203
Decimal	2813447
CIELab	82.73, -79.30, 78.69
CIElCh	83, 111.717, 135.221
Yxy	61.6567, 0.3045, 0.5948
Android (android.graphics.Color)	4281003527 (0xFF2AEE07)
YUV	153.0620, -72.0086, -97.4014
Hunter-Lab	78.5217, -65.6515, 47.0836

Details

The Android color `4281003527` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4291495918`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4286512986`, and `4278236160` is the 20% darker color. If you saturate the color by 10%, you get `4280610304`, and if you desaturate by 10%, it is `4282314271`.

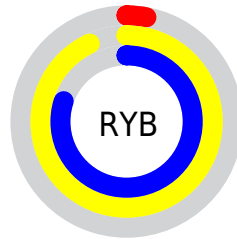
Distribution



Red (16%)

Green (93%)

Blue (3%)



Red (3%)

Yellow (93%)

Blue (80%)

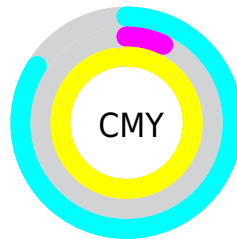


Cyan (82%)

Magenta (0%)

Yellow (97%)

Black (7%)



Cyan (84%)

Magenta (7%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281003527 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 4281003527 by changing the saturation by 10% instead.

 4281003527

 4281003527

4294967295

 4278243584

 4286512986

 4278236160

 4288741241

 4278228992

 4290838422

 4278222080

 4292935603

 4278215168

 4294967249

 4278208512

 4294967279

 4278202112

 4278194432

 4278190080

■ 4281003527

■ 4281003527

■ 4280610304

■ 4282314271

■ 4283625015

■ 4285001294

■ 4286312038

■ 4287622782

■ 4288933526

■ 4290244270

■ 4291620549

■ 4292931293

Harmonies

Analogous

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



4291287552



4281003527



4278253716

Triad

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



4281003527



4278249983



4294918814

Complementary

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



4281003527



4291495918

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.



4294922751



4281003527



4278241791

Square

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



4281003527



4278253823



4294939903



4294934582

Rectangle

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



4281003527



4278254558



4294939903



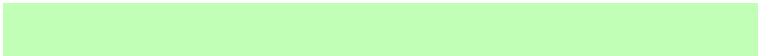
4294916288

Sweetspot

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



4281003527



4290838453



4293838599



4284121171



4278190080



4286611584

Same Dimension

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



4281003527



4280811264



4278709844



4285429868



4280072192



4278794240

Inverse Universe

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



4291495918



4292346111



4293789601



4285951096



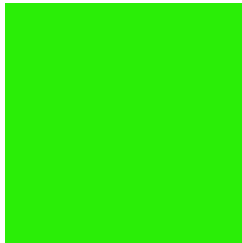
4288413880



4281335864

Previews

White Background



This preview shows how the Android color 4281003527 looks on a white background.

Color Contrast Check

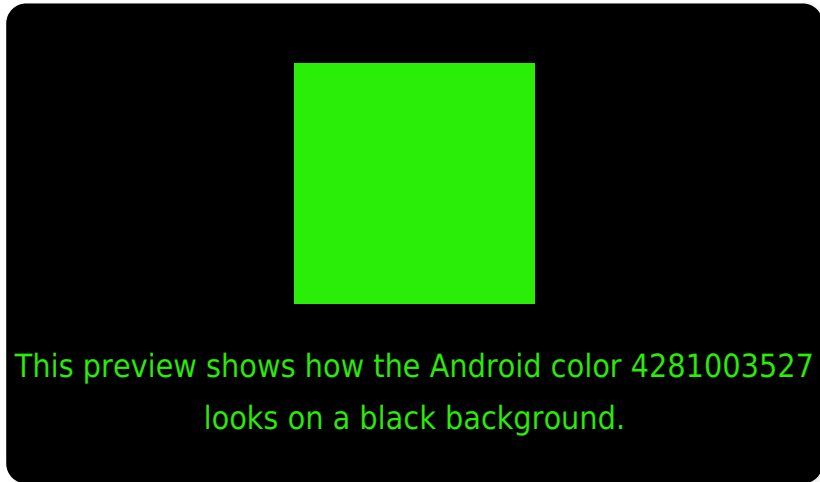
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281003527 Background



This preview shows how black text looks on a background with the Android color 4281003527.




This preview shows how white text looks on a background with the Android color 4281003527.

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](#).

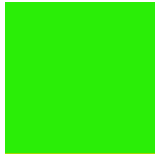
Dichromacy





Tritanopia
4285193711

Trichromacy



Original Color

4281003527



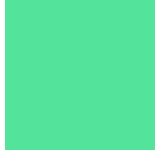
Protanomaly

4288862211



Deuteranomaly

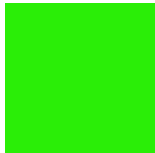
4289909291



Tritanomaly

4283687835

Monochromacy



Original Color

4281003527



Achromatopsia

4288256409



Achromatomaly

4285642852

CSS Examples

Text

The CSS property to change the color of the text to Android 4281003527 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, 238, 7)` looks like.

```
.text, #text, p{  
    color:rgb(42, 238, 7)  
}
```

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, 238, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 238, 7) }
```

Border

The CSS property to change the border of an element to Android 4281003527 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, 238, 7) }
```

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

```
.border{ border-color:rgb(42, 238, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 238, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 238, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 238, 7);  
box-shadow:4px 4px 4px 4px rgb(42, 238, 7)  
}
```

Background

The CSS property to change the background color of an element to Android 4281003527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 238, 7) }
```

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

```
.background{ background-color: rgb(42, 238,  
7) }
```

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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