

Converting Colors

Android(4281327237)

Have a look what the booklet for
Android(4281327237) contains.

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Color

Android(4281327237)

Conversions

Conversions Part 1

Format	Color
Hex	2FDE85
RGB	47, 222, 133
RGB Percent	18%, 87%, 52%
CMY	0.8157, 0.1294, 0.4784
CMYK	0.79, 0.00, 0.40, 0.13
HSL	149°, 73%, 53%
HSV	149°, 79%, 87%
XYZ	31.5272, 54.5403, 31.0560
YIQ	159.5290, -75.7310, -64.7790

Conversions

Conversions Part 2

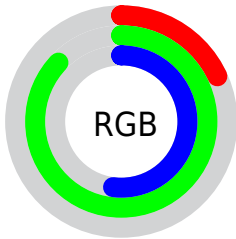
Format	Color
RYB	47, 164, 222
Decimal	3137157
CIELab	78.78, -62.40, 31.76
CIELCh	79, 70.017, 153.029
Yxy	54.5403, 0.2692, 0.4657
Android (android.graphics.Color)	4281327237 (0xFF2FDE85)
YUV	159.5290, -13.0788, -98.6879
Hunter-Lab	73.8514, -53.0383, 26.7634

Details

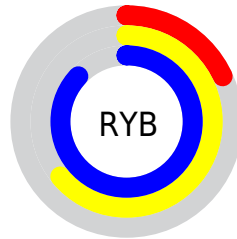
The Android color `4281327237` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292751240`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4286185403`, and `4278232402` is the 20% darker color. If you saturate the color by 10%, you get `4279885434`, and if you desaturate by 10%, it is `4282769040`.

Distribution



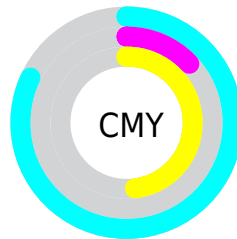
- Red (18%)
- Green (87%)
- Blue (52%)



- Red (18%)
- Yellow (64%)
- Blue (87%)



- Cyan (79%)
- Magenta (0%)
- Yellow (40%)
- Black (13%)



- Cyan (82%)
- Magenta (13%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281327237 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 4281327237 by changing the saturation by 10% instead.



4281327237



4281327237

4294967295



4278239595



4286185403



4278232402



4288282583



4278225466



4290314228



4278218530



4292280319



4278212105



4294311935



4278205696



4278199552



4278190080



4281327237



4281327237

 4279885434

 4282769040

 4278443630

 4284210844


 4278247021

 4285718183

 4287159986

 4288601789

 4290043593

 4291485396

 4292992735

 4294434539

Harmonies

Analogous

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



4288533582



4281327237



4278248136

Triad

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



4281327237



4281125119



4294939008

Complementary

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



4281327237



4292751240

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.



4294936255



4281327237



4291735551

Square

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



4281327237



4278245887



4294939903



4294945356

Rectangle

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



4281327237



4278248180



4294939903



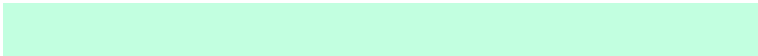
4294937492

Sweetspot

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



4281327237



4290969568



4287225391



4284186733



4278190080



4286611584

Same Dimension

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



4281327237



4279107460



4281327323



4284837994



4278235222



4278202392

Inverse Universe

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



4292751240



4294905224



4292751154



4285556075



4289724505



4281335833

Previews

White Background



This preview shows how the Android color 4281327237 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



This preview shows how the Android color 4281327237 looks on a 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 4281327237 Background



This preview shows how black text looks on a background with the Android color 4281327237.

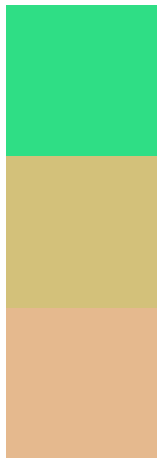


This preview shows how white text looks on a background with the Android color 4281327237.

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](#).

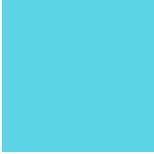
Dichromacy



Original Color
4281327237

Protanopia
4292067706

Deuteranopia
4293245326



Tritanopia
4284208100

Trichromacy



Original Color

4281327237



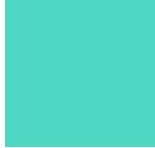
Protanomaly

4288138366



Deuteranomaly

4288923275



Tritanomaly

4283160513

Monochromacy



Original Color

4281327237



Achromatopsia

4288716960



Achromatomaly

4286035862

CSS Examples

Text

The CSS property to change the color of the text to Android 4281327237 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(47, 222, 133)` looks like.

```
.text, #text, p{  
    color:rgb(47, 222, 133)  
}
```

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(47, 222, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 222, 133) }
```

Border

The CSS property to change the border of an element to Android 4281327237 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(47, 222, 133) }
```

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

```
.border{ border-color:rgb(47, 222, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 222, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 222, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 222, 133);  
box-shadow:4px 4px 4px 4px rgb(47, 222,  
133) }
```

Background

The CSS property to change the background color of an element to Android 4281327237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 222, 133) }
```

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

```
.background{ background-color: rgb(47, 222,  
133) }
```

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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