

Converting Colors

Android(4281259417)

Have a look what the booklet for
Android(4281259417) contains.

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Color

Android(4281259417)

Conversions

Conversions Part 1

Format	Color
Hex	2ED599
RGB	46, 213, 153
RGB Percent	18%, 84%, 60%
CMY	0.8196, 0.1647, 0.4000
CMYK	0.78, 0.00, 0.28, 0.16
HSL	158°, 67%, 51%
HSV	158°, 78%, 84%
XYZ	30.6707, 50.4692, 38.2620
YIQ	156.2270, -80.2720, -54.0640

Conversions

Conversions Part 2

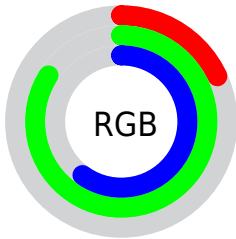
Format	Color
RYB	46, 148, 213
Decimal	3069337
CIELab	76.36, -55.14, 18.10
CIELCh	76, 58.032, 161.826
Yxy	50.4692, 0.2569, 0.4227
Android (android.graphics.Color)	4281259417 (0xFF2ED599)
YUV	156.2270, -1.5909, -96.6691
Hunter-Lab	71.0417, -47.2595, 17.7965

Details

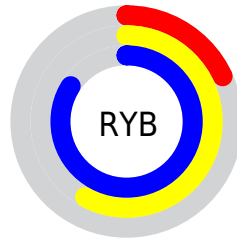
The Android color `4281259417` is a dark color, and the websafe version is hex `00CC99`. The color can be described as middle washed spring green. A complement of this color would be `4292161130`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4286054351`, and `4278230374` is the 20% darker color. If you saturate the color by 10%, you get `4279883153`, and if you desaturate by 10%, it is `4282635681`.

Distribution



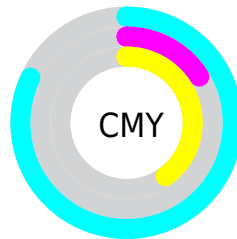
- Red (18%)
- Green (84%)
- Blue (60%)



- Red (18%)
- Yellow (58%)
- Blue (84%)



- Cyan (78%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)



- Cyan (82%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281259417 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 4281259417 by changing the saturation by 10% instead.



4281259417



4281259417

4294967295



4278237567



4286054351



4278230374



4288085996



4278223438



4290117631



4278216758



4292083711



4278210080



4294115327



4278203915



4278197760



4278190080



4281259417



4281259417

 4279883153

 4282635681

 4278441354

 4284077480

 4278244744

 4285453744

 4286830008

 4288271807

 4289648071

 4291024335

 4292400598

 4293842398

Harmonies

Analogous

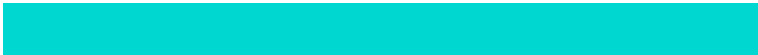
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287417705



4281259417



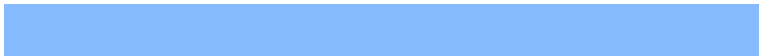
4278245329

Triad

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



4281259417



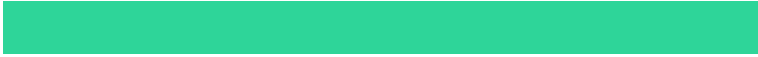
4287020031



4294941303

Complementary

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



4281259417



4292161130

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.



4294938281



4281259417



4292650751

Square

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



4281259417



4278242303



4294939615



4294356565

Rectangle

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



4281259417



4278245107



4294939615



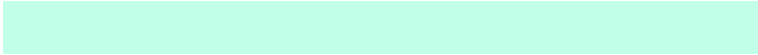
4294940039

Sweetspot

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



4281259417



4290969577



4285257006



4284186738



4278190080



4286611584

Same Dimension

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



4281259417



4279238569



4281253845



4284509031



4278233965



4278201116

Inverse Universe

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



4292161130



4294905701



4292166702



4285227108



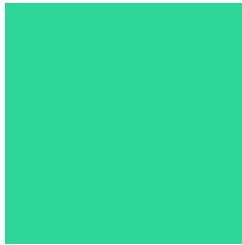
4289396797



4281008144

Previews

White Background



This preview shows how the Android color 4281259417 looks on a white background.

Color Contrast Check

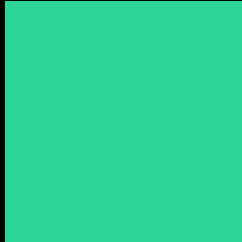
Large Text (above 18pt) WCAG AA × Fail

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 4281259417 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

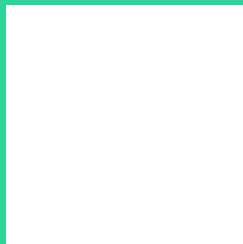
Any Text WCAG AAA ✓ Pass

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

Android 4281259417 Background



This preview shows how black text looks on a background with the Android color 4281259417.

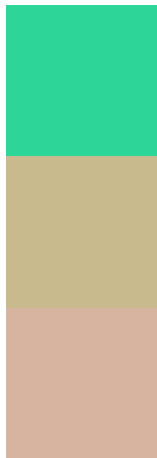


This preview shows how white text looks on a background with the Android color 4281259417.

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
4281259417

Protanopia
4291345037

Deuteranopia
4292261024

Trichromacy



Original Color

4281259417



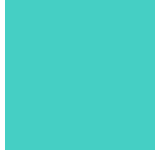
Protanomaly

4287677585



Deuteranomaly

4288266397



Tritanomaly

4282765252

Monochromacy



Original Color

4281259417



Achromatopsia

4288453788



Achromatomaly

4285837723

CSS Examples

Text

The CSS property to change the color of the text to Android 4281259417 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, 213, 153)` looks like.

```
.text, #text, p{  
    color:rgb(46, 213, 153)  
}
```

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, 213, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 213, 153) }
```

Border

The CSS property to change the border of an element to Android 4281259417 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, 213, 153) }
```

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

```
.border{ border-color:rgb(46, 213, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 213, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 213, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 213, 153);  
box-shadow:4px 4px 4px 4px rgb(46, 213,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4281259417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 213, 153) }
```

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

```
.background{ background-color: rgb(46, 213,  
153) }
```

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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