

Converting Colors

Android(4281250216)

Have a look what the booklet for
Android(4281250216) contains.

Android(4281250216)	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(4281250216)

Conversions

Conversions Part 1

Format	Color
Hex	2EB1A8
RGB	46, 177, 168
RGB Percent	18%, 69%, 66%
CMY	0.8196, 0.3059, 0.3412
CMYK	0.74, 0.00, 0.05, 0.31
HSL	176°, 59%, 44%
HSV	176°, 74%, 69%
XYZ	23.9167, 34.8523, 42.5124
YIQ	136.8050, -75.1870, -30.5710

Conversions

Conversions Part 2

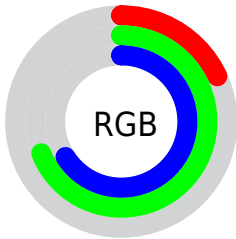
Format	Color
RYB	46, 114, 177
Decimal	3060136
CIELab	65.63, -36.20, -5.43
CIELCh	66, 36.610, 188.530
Yxy	34.8523, 0.2361, 0.3441
Android (android.graphics.Color)	4281250216 (0xFF2EB1A8)
YUV	136.8050, 15.3791, -79.6360
Hunter-Lab	59.0358, -30.9983, -1.3704

Details

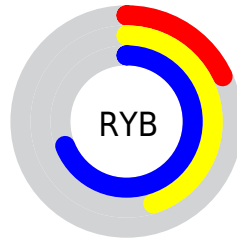
The Android color `4281250216` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289801783`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4285655519`, and `4278221940` is the 20% darker color. If you saturate the color by 10%, you get `4280070567`, and if you desaturate by 10%, it is `4282429865`.

Distribution



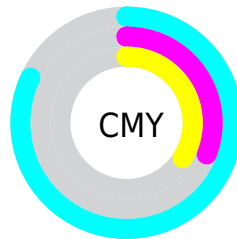
- Red (18%)
- Green (69%)
- Blue (66%)



- Red (18%)
- Yellow (45%)
- Blue (69%)



- Cyan (74%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)





- Cyan (82%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281250216 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 4281250216 by changing the saturation by 10% instead.

 4281250216

 4281250216

4294967295

 4278228622

 4285655519


 4278221940

 4287627260

 4278215260

 4289593343

 4278209092

 4291559423

 4278202926

 4293525503

 4278197529

 4278190080

 4281250216

 4281250216

 4280070567

 4282429865

■ 4278956454

■ 4283543978

■ 4278235557

■ 4284723628

■ 4285903277

■ 4287082926

■ 4288197039

■ 4289376689

■ 4290556338

■ 4291670451

Harmonies

Analogous

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



4284460934



4281250216



4278235079

Triad

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



4281250216



4289696723



4291401059

Complementary

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



4281250216



4289801783

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.



4292578168



4281250216



4291856824

Square

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



4281250216



4286554080



4292839063



4289503326

Rectangle

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



4281250216



4281248983



4292839063



4291858792

Sweetspot

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



4281250216



4289980130



4281970990



4283790193



4294111986



4285756275

Same Dimension

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



4281250216



4279887575



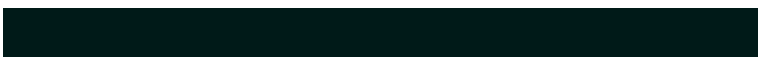
4281236145



4283455833



4278229390



4278196760

Inverse Universe

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



4289801783



4293269799



4289815854



4284043345



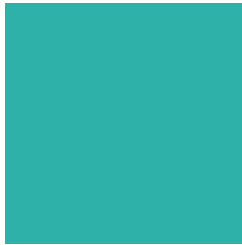
4288217099



4279894018

Previews

White Background



This preview shows how the Android color 4281250216 looks on a white background.

Color Contrast Check

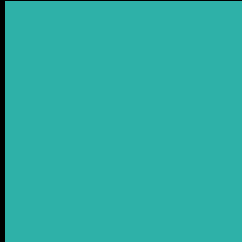
Large Text (above 18pt) WCAG AA × Fail

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 4281250216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

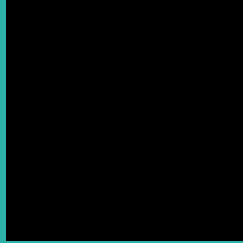
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

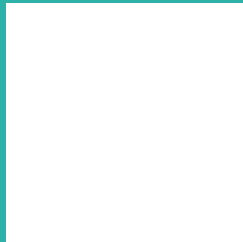
Any Text WCAG AAA ✓ Pass

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

Android 4281250216 Background



This preview shows how black text looks on a background with the Android color 4281250216.

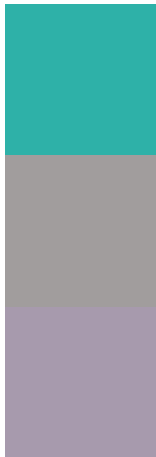


This preview shows how white text looks on a background with the Android color 4281250216.

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
4281250216

Protanopia
4288781725

Deuteranopia
4289174189

Trichromacy



Original Color

4281250216



Protanomaly

4286031009



Deuteranomaly

4286292651



Tritanomaly

4281774005

Monochromacy



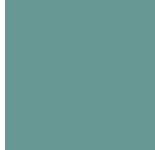
Original Color

4281250216



Achromatopsia

4287203721



Achromatomaly

4285044884

CSS Examples

Text

The CSS property to change the color of the text to Android 4281250216 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, 177, 168)` looks like.

```
.text, #text, p{  
    color:rgb(46, 177, 168)  
}
```

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, 177, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 177, 168) }
```

Border

The CSS property to change the border of an element to Android 4281250216 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, 177, 168) }
```

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

```
.border{ border-color:rgb(46, 177, 168) }
```

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

Here you see how a box with a 4 pixel rgb(46, 177, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 177, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 177, 168);  
box-shadow:4px 4px 4px 4px rgb(46, 177,  
168) }
```

Background

The CSS property to change the background color of an element to Android 4281250216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 177, 168) }
```

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

```
.background{ background-color: rgb(46, 177,  
168) }
```

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