

Converting Colors

Android(4281248172)

Have a look what the booklet for
Android(4281248172) contains.

Android(4281248172)	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(4281248172)

Conversions

Conversions Part 1

Format	Color
Hex	2EA9AC
RGB	46, 169, 172
RGB Percent	18%, 66%, 67%
CMY	0.8196, 0.3373, 0.3255
CMYK	0.73, 0.02, 0.00, 0.33
HSL	181°, 58%, 43%
HSV	181°, 73%, 67%
XYZ	22.7611, 31.9353, 43.9942
YIQ	132.5650, -74.2710, -25.1430

Conversions

Conversions Part 2

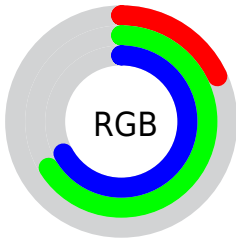
Format	Color
RYB	46, 108, 172
Decimal	3058092
CIELab	63.29, -31.27, -11.15
CIELCh	63, 33.198, 199.627
Yxy	31.9353, 0.2306, 0.3236
Android (android.graphics.Color)	4281248172 (0xFF2EA9AC)
YUV	132.5650, 19.4415, -75.9175
Hunter-Lab	56.5114, -27.0004, -6.5995

Details

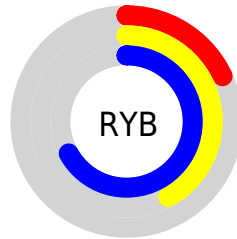
The Android color `4281248172` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289474862`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4285587939`, and `4278219896` is the 20% darker color. If you saturate the color by 10%, you get `4280134060`, and if you desaturate by 10%, it is `4282362284`.

Distribution



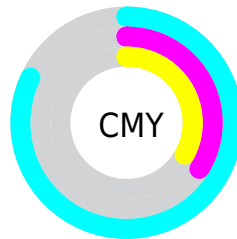
- Red (18%)
- Green (66%)
- Blue (67%)



- Red (18%)
- Yellow (42%)
- Blue (67%)



- Cyan (73%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)




- Cyan (82%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281248172 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 4281248172 by changing the saturation by 10% instead.

 4281248172

 4281248172

4294967295

 4278226577

 4285587939

 4278219896

 4287561471

 4278213471

 4289527807

 4278207303

 4291493887

 4278201393

 4293459967

 4278195484

 4278190080

 4281248172

 4281248172

 4280134060

 4282362284

■ 4279019692

■ 4283476652

■ 4278233260

■ 4284656300

■ 4285770668

■ 4286884780

■ 4287998892

■ 4289113260

■ 4290292908

■ 4291407276

Harmonies

Analogous

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



4283607182



4281248172



4281378501

Triad

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



4281248172



4290022336



4290155615

Complementary

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



4281248172



4289474862

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.



4291529325



4281248172



4291593125

Square

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



4281248172



4287534545



4292051847



4288257377

Rectangle

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



4281248172



4283343568



4292051847



4290678882

Sweetspot

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



4281248172



4289716192



4281248816



4283658352



4293980400



4285558896

Same Dimension

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



4281248172



4280016096



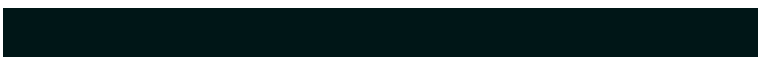
4281232300



4283323991



4278227862



4278195735

Inverse Universe

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



4289474217



4292877276



4289490734



4283911766



4288020627



4279697430

Previews

White Background



This preview shows how the Android color 4281248172 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 4281248172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

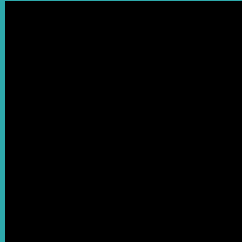
Any Text WCAG AA ✓ Pass

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 4281248172 Background



This preview shows how black text looks on a background with the Android color 4281248172.

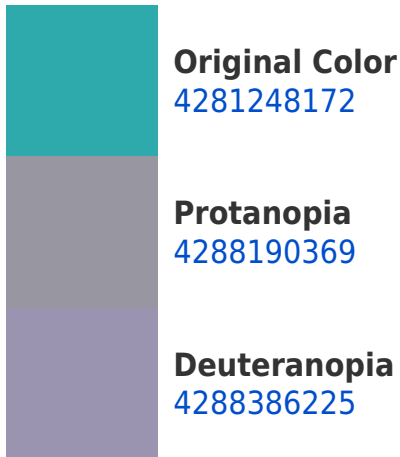



This preview shows how white text looks on a background with the Android color 4281248172.

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
4281641141

Trichromacy



Original Color

4281248172



Protanomaly

4285636261



Deuteranomaly

4285766831



Tritanomaly

4281510066

Monochromacy



Original Color

4281248172



Achromatopsia

4286940549



Achromatomaly

4284846739

CSS Examples

Text

The CSS property to change the color of the text to Android 4281248172 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, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(46, 169, 172)  
}
```

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, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 169, 172) }
```

Border

The CSS property to change the border of an element to Android 4281248172 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, 169, 172) }
```

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

```
.border{ border-color:rgb(46, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(46, 169,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4281248172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 169, 172) }
```

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

```
.background{ background-color: rgb(46, 169,  
172) }
```

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