

Converting Colors

Android(4280921223)

Have a look what the booklet for
Android(4280921223) contains.

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Color

Android(4280921223)

Conversions

Conversions Part 1

Format	Color
Hex	29AC87
RGB	41, 172, 135
RGB Percent	16%, 67%, 53%
CMY	0.8392, 0.3255, 0.4706
CMYK	0.76, 0.00, 0.22, 0.33
HSL	163°, 62%, 42%
HSV	163°, 76%, 67%
XYZ	20.0401, 31.7257, 27.9891
YIQ	128.6130, -66.1990, -39.2790

Conversions

Conversions Part 2

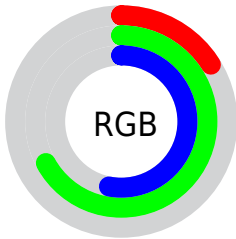
Format	Color
RYB	41, 117, 172
Decimal	2731143
CIELab	63.12, -43.42, 9.24
CIElCh	63, 44.393, 167.987
Yxy	31.7257, 0.2513, 0.3978
Android (android.graphics.Color)	4280921223 (0xFF29AC87)
YUV	128.6130, 3.1488, -76.8366
Hunter-Lab	56.3256, -35.0611, 9.9657

Details

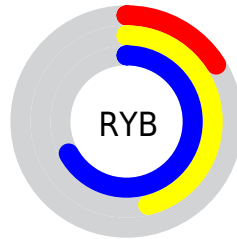
The Android color `4280921223` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289472846`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4285260988`, and `4278220629` is the 20% darker color. If you saturate the color by 10%, you get `4279807106`, and if you desaturate by 10%, it is `4282035340`.

Distribution



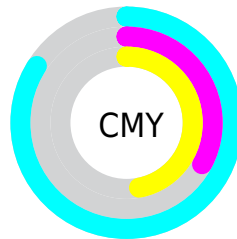
- Red (16%)
- Green (67%)
- Blue (53%)



- Red (16%)
- Yellow (46%)
- Blue (67%)



- Cyan (76%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (84%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280921223 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 4280921223 by changing the saturation by 10% instead.



4280921223



4280921223

4294967295



4278227310



4285260988



4278220629



4287234008



4278213950



4289134580



4278207528



4291100671



4278201876



4293001215



4278194944



4278190080



4280921223



4280921223



4279807106



4282035340

 4278692989

 4283149457

 4278234235

 4284329110

 4285443226

 4286557343

 4287671460

 4288785577

 4289965230

 4291079347

Harmonies

Analogous

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



4285310818



4280921223



4278234544

Triad

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



4280921223



4286813668



4292445024

Complementary

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



4280921223



4289472846

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.



4293163394



4280921223



4290414030

Square

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



4280921223



4280591077



4292508330



4290679114

Rectangle

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



4280921223



4278234056



4292508330



4292771690

Sweetspot

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



4280921223



4289585362



4283345961



4283527271



4293980400



4285558896

Same Dimension

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



4280921223



4279558311



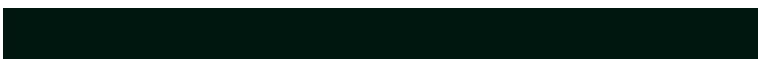
4280914092



4283324244



4278228588



4278195984

Inverse Universe

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



4289472846



4292875342



4289479977



4283911760



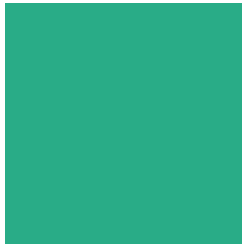
4288020522



4279697414

Previews

White Background



This preview shows how the Android color 4280921223 looks on a white background.

Color Contrast Check

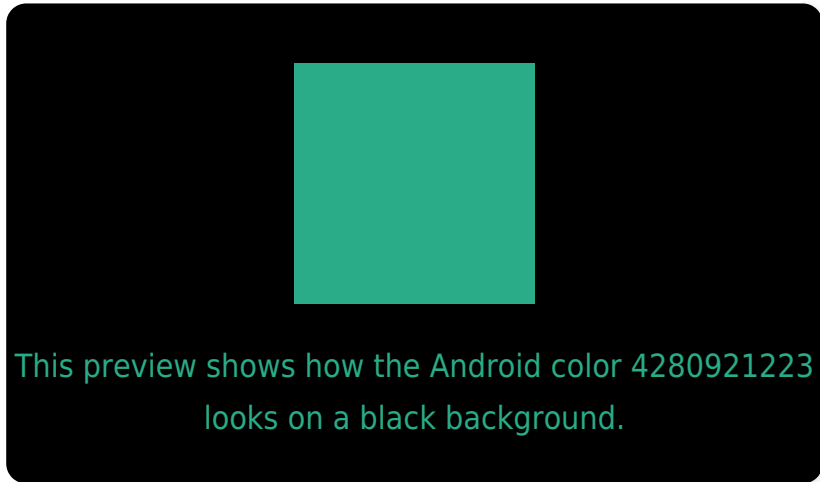
Large Text (above 18pt) WCAG AA × Fail

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

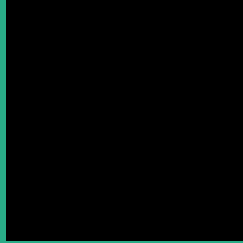
Any Text WCAG AA ✓ Pass

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 4280921223 Background



This preview shows how black text looks on a background with the Android color 4280921223.



This preview shows how white text looks on a background with the Android color 4280921223.

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



Trichromacy



Original Color

4280921223



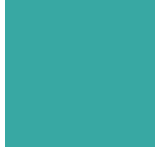
Protanomaly

4285898625



Deuteranomaly

4286290827



Tritanomaly

4281903267

Monochromacy



Original Color

4280921223



Achromatopsia

4286677377



Achromatomaly

4284584323

CSS Examples

Text

The CSS property to change the color of the text to Android 4280921223 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(41, 172, 135)` looks like.

```
.text, #text, p{  
    color:rgb(41, 172, 135)  
}
```

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(41, 172, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 172, 135) }
```

Border

The CSS property to change the border of an element to Android 4280921223 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(41, 172, 135) }
```

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

```
.border{ border-color:rgb(41, 172, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 172, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 172, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 172, 135);  
box-shadow:4px 4px 4px 4px rgb(41, 172,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4280921223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 172, 135) }
```

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

```
.background{ background-color: rgb(41, 172,  
135) }
```

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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