

Converting Colors

Android(4280449921)

Have a look what the booklet for
Android(4280449921) contains.

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Color

Android(4280449921)

Conversions

Conversions Part 1

Format	Color
Hex	227B81
RGB	34, 123, 129
RGB Percent	13%, 48%, 51%
CMY	0.8667, 0.5176, 0.4941
CMYK	0.74, 0.05, 0.00, 0.49
HSL	184°, 58%, 32%
HSV	184°, 74%, 51%
XYZ	11.7051, 16.0910, 23.2578
YIQ	97.0730, -54.9700, -17.0020

Conversions

Conversions Part 2

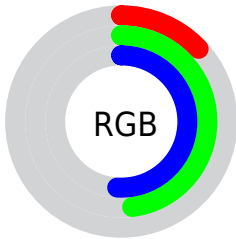
Format	Color
R_{YB}	34, 80, 129
Decimal	2259841
CIE _{Lab}	47.09, -23.19, -10.77
CIE _{LCh}	47, 25.574, 204.912
Yxy	16.0910, 0.2293, 0.3152
Android (android.graphics.Color)	4280449921 (0xFF227B81)
YUV	97.0730, 15.7400, -55.3150
Hunter-Lab	40.1136, -18.1126, -6.2968




Details

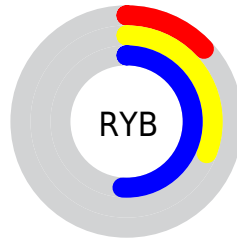
The Android color `4280449921` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286654498`, and the grayscale version is `4284572001`.




A 20% lighter version of the original color is `4284395702`, and `4278209104` is the 20% darker color. If you saturate the color by 10%, you get `4279597697`, and if you desaturate by 10%, it is `4281302145`.

Distribution







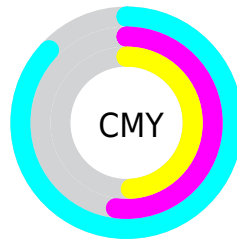
-  Red (13%)
-  Green (48%)
-  Blue (51%)






-  Red (13%)
-  Yellow (31%)
-  Blue (51%)



-  Cyan (74%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (87%)
-  Magenta (52%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280449921 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 4280449921 by changing the saturation by 10% instead.



4280449921



4280449921

4294967295



4278215272



4284395702



4278209104



4286237649



4278203193



4288080110



4278198051



4289986559



4278190350



4291887103



4278190080



4293787647



4280449921



4280449921



4279597697



4281302145

■ 4278745473

■ 4282154369

■ 4278221185

■ 4283006337

■ 4283858561

■ 4284645249

■ 4285497473

■ 4286349697

■ 4287201921

■ 4288053889

Harmonies

Analogous

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



4281891691



4280449921



4281038994

Triad

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



4280449921



4287063177



4286737733

Complementary

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



4280449921



4286654498

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.



4287784525



4280449921



4288110708

Square

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



4280449921



4285361047



4288307295



4285297736

Rectangle

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



4280449921



4282414489



4288307295



4287130438

Sweetspot

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



4280449921



4286817960



4280451367



4282274644



4292138196



4283716692

Same Dimension

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



4280449921



4279541672



4280438145



4281941824



4278220672



4278190080

Inverse Universe

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



4286653051



4289205407



4286666274



4282399039



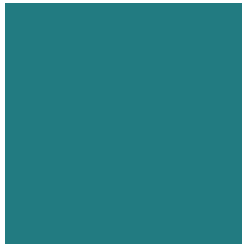
4286578807



4278190080

Previews

White Background



This preview shows how the Android color 4280449921 looks on a white background.

Color Contrast Check

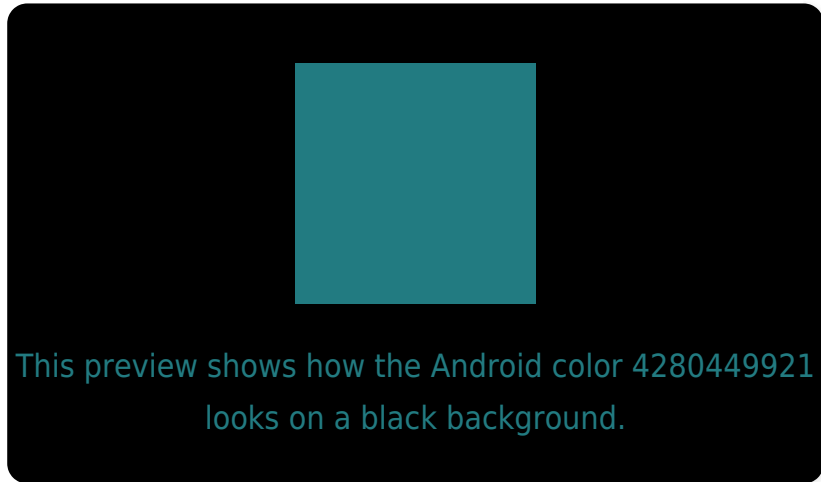
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4280449921 Background



This preview shows how black text looks on a background with the Android color 4280449921.

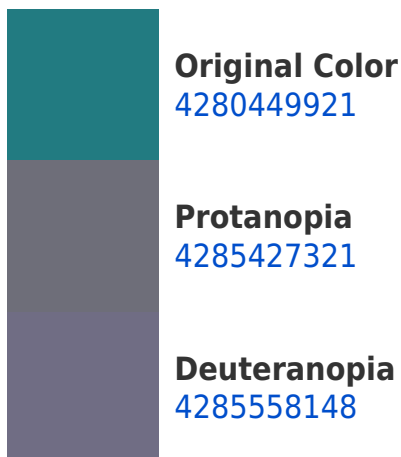


This preview shows how white text looks on a background with the Android color 4280449921.

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
4280449921

Protanomaly
4283593596

Deuteranomaly
4283724419

Tritanomaly
4280515203

Monochromacy



Original Color
4280449921

Achromatopsia
4284572001

Achromatomaly
4283066989

CSS Examples

Text

The CSS property to change the color of the text to Android 4280449921 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(34, 123, 129)` looks like.

```
.text, #text, p{  
    color:rgb(34, 123, 129)  
}
```

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(34, 123, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 123, 129) }
```

Border

The CSS property to change the border of an element to Android 4280449921 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(34, 123, 129) }
```

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

```
.border{ border-color:rgb(34, 123, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 123, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 123, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 123, 129);  
box-shadow:4px 4px 4px 4px rgb(34, 123,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4280449921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 123, 129) }
```

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

```
.background{ background-color: rgb(34, 123,  
129) }
```

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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