

Converting Colors

Android(4280378721)

Have a look what the booklet for
Android(4280378721) contains.

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Color

Android(4280378721)

Conversions

Conversions Part 1

Format	Color
Hex	216561
RGB	33, 101, 97
RGB Percent	13%, 40%, 38%
CMY	0.8706, 0.6039, 0.6196
CMYK	0.67, 0.00, 0.04, 0.60
HSL	176°, 51%, 26%
HSV	176°, 67%, 40%
XYZ	7.4385, 10.4938, 12.9427
YIQ	80.2120, -39.2440, -15.6600

Conversions

Conversions Part 2

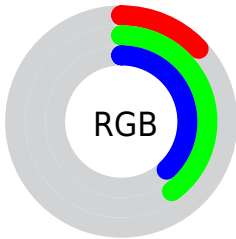
Format	Color
RYB	33, 68, 101
Decimal	2188641
CIELab	38.71, -21.97, -4.00
CIElCh	39, 22.328, 190.326
Yxy	10.4938, 0.2409, 0.3399
Android (android.graphics.Color)	4280378721 (0xFF216561)
YUV	80.2120, 8.2765, -41.4049
Hunter-Lab	32.3941, -15.7012, -1.0128




Details

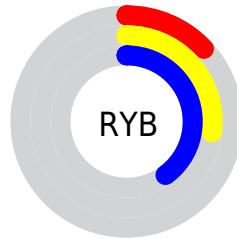
The Android color `4280378721` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284817701`, and the grayscale version is `4283453520`.




A 20% lighter version of the original color is `4283930772`, and `4278203955` is the 20% darker color. If you saturate the color by 10%, you get `4279723360`, and if you desaturate by 10%, it is `4281034082`.

Distribution







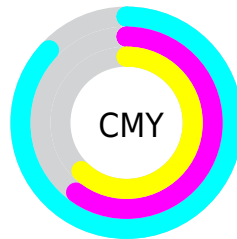
-  Red (13%)
-  Green (40%)
-  Blue (38%)






-  Red (13%)
-  Yellow (27%)
-  Blue (40%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (4%)
-  Black (60%)



-  Cyan (87%)
-  Magenta (60%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280378721 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 4280378721 by changing the saturation by 10% instead.



4280378721



4280378721

4294967295



4278209865



4283930772



4278203955



4285707182



4278198558



4287483849



4278190084



4289260518



4278190080



4291100671



4293001215

4294901759



4280378721



4280378721

■ 4279723360

■ 4281034082

■ 4279068000

■ 4281689442

■ 4278412639

■ 4282344803

■ 4278216031

■ 4283000163

■ 4283721060

■ 4284376421

■ 4285031781

■ 4285687142

■ 4286342502

Harmonies

Analogous

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



4281820238



4280378721



4279854194

Triad

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



4280378721



4284830839



4285683257

Complementary

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



4280378721



4284817701

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.



4286337093



4280378721



4286009192

Square

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



4280378721



4283194239



4286532949



4284570679

Rectangle

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



4280378721



4280640122



4286532949



4285944892

Sweetspot

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



4280378721



4285039233



4280706337



4281483841



4290953922



4282532418

Same Dimension

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



4280378721



4279861884



4280371301



4281217843



4278219628



4278252260

Inverse Universe

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



4284817701



4286716191



4284825121



4281544238



4285726727



4294049806

Previews

White Background



This preview shows how the Android color 4280378721 looks on a white background.

Color Contrast Check

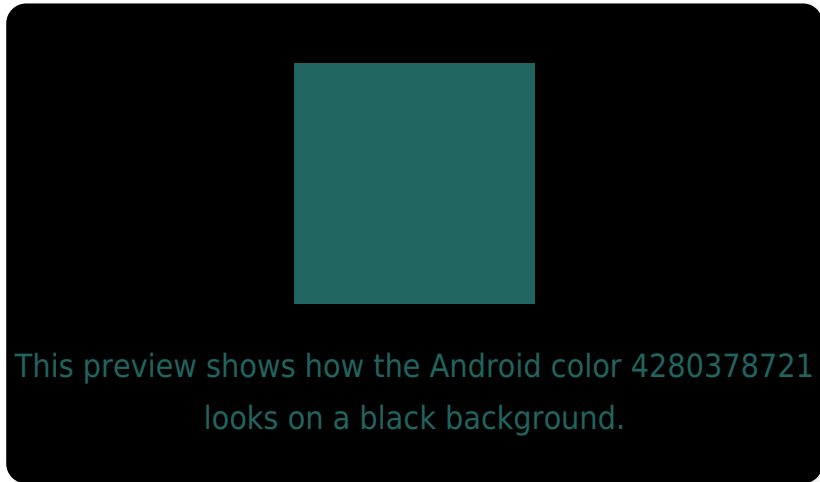
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280378721 Background



This preview shows how black text looks on a background with the Android color 4280378721.



This preview shows how white text looks on a background with the Android color 4280378721.

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

4280378721

Protanopia

4284242523

Deuteranopia

4284438628

Trichromacy



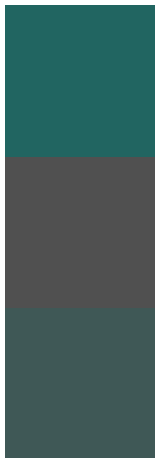
Original Color
4280378721

Protanomaly
4282867293

Deuteranomaly
4282932579

Tritanomaly
4280575079

Monochromacy



Original Color
4280378721

Achromatopsia
4283453520

Achromatomaly
4282341462

CSS Examples

Text

The CSS property to change the color of the text to Android 4280378721 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(33, 101, 97)` looks like.

```
.text, #text, p{  
    color:rgb(33, 101, 97)  
}
```

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(33, 101, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 101, 97) }
```

Border

The CSS property to change the border of an element to Android 4280378721 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(33, 101, 97) }
```

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

```
.border{ border-color:rgb(33, 101, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 101, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 101, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 101, 97);  
box-shadow:4px 4px 4px 4px rgb(33, 101,  
97) }
```

Background

The CSS property to change the background color of an element to Android 4280378721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 101, 97) }
```

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

```
.background{ background-color: rgb(33, 101,  
97) }
```

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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