

Converting Colors

Android(4282876271)

Have a look what the booklet for
Android(4282876271) contains.

Android(4282876271)	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(4282876271)

Conversions

Conversions Part 1

Format	Color
Hex	47816F
RGB	71, 129, 111
RGB Percent	28%, 51%, 44%
CMY	0.7216, 0.4941, 0.5647
CMYK	0.45, 0.00, 0.14, 0.49
HSL	161°, 29%, 39%
HSV	161°, 45%, 51%
XYZ	13.3180, 18.1878, 17.8476
YIQ	109.6060, -28.7900, -17.8940

Conversions

Conversions Part 2

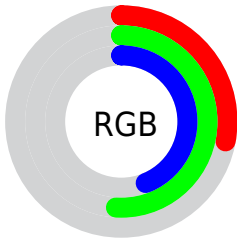
Format	Color
R_YB	71, 105, 129
Decimal	4686191
CIE _{Lab}	49.72, -23.59, 3.86
CIE _{LCh}	50, 23.904, 170.706
Yxy	18.1878, 0.2699, 0.3685
Android (android.graphics.Color)	4282876271 (0xFF47816F)
YUV	109.6060, 0.6872, -33.8575
Hunter-Lab	42.6472, -18.8898, 5.0405

Details

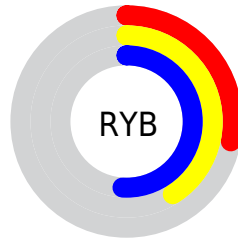
The Android color `4282876271` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286662489`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4286297763`, and `4279390015` is the 20% darker color. If you saturate the color by 10%, you get `4282024299`, and if you desaturate by 10%, it is `4283728243`.

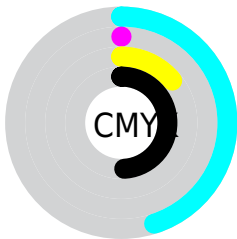
Distribution



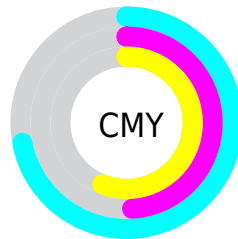
- Red (28%)
- Green (51%)
- Blue (44%)



- Red (28%)
- Yellow (41%)
- Blue (51%)



- Cyan (45%)
- Magenta (0%)
- Yellow (14%)
- Black (49%)



- Cyan (72%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282876271 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 4282876271 by changing the saturation by 10% instead.



4282876271



4282876271

4294967295



4281165911



4286297763



4279390015



4288008894



4278204458



4289851097



4278199061



4291690486



4278190080



4293591039



4282876271



4282876271



4282024299



4283728243



4281172327



4284580215

■ 4280320355

■ 4285432187

■ 4279468383

■ 4286284159

■ 4278681947

■ 4287136131

■ 4278223193

■ 4287922567

■ 4288774539

■ 4289626511

■ 4290478483

Harmonies

Analogous

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



4284448348



4282876271



4281696644

Triad

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



4282876271



4285559708



4288244824

Complementary

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



4282876271



4286662489

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.



4288637033



4282876271



4287261840

Square

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



4282876271



4283595422



4288309373



4287263566

Rectangle

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



4282876271



4281630864



4288309373



4288440925

Sweetspot

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



4282876271



4287801506



4284055879



4282864720



4292138196



4283716692

Same Dimension

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



4282876271



4283279500



4282873473



4281942078



4278222936



4278190080

Inverse Universe

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



4286662489



4289219946



4286665287



4282399035



4286578728



4278190080

Previews

White Background



This preview shows how the Android color 4282876271 looks on a white background.

Color Contrast Check

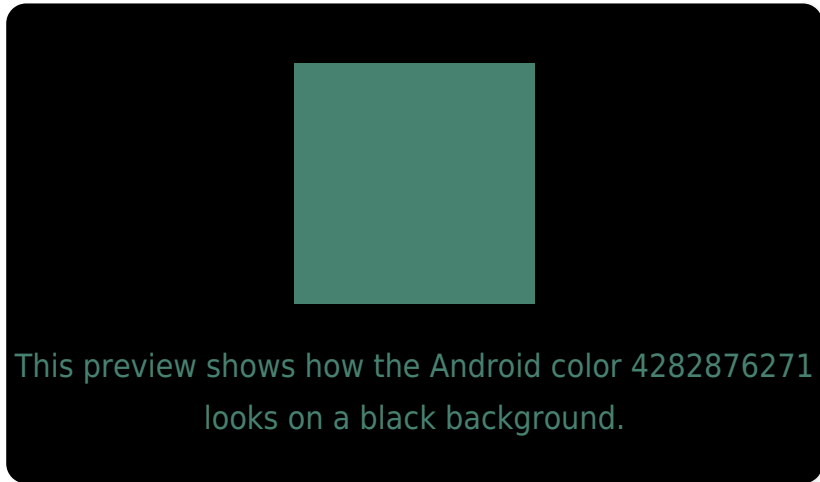
Large Text (above 18pt) WCAG AA ✓ Pass

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

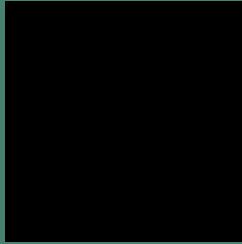
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4282876271 Background



This preview shows how black text looks on a background with the Android color 4282876271.

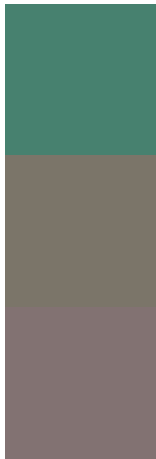


This preview shows how white text looks on a background with the Android color 4282876271.

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
4282876271

Protanopia
4286281065

Deuteranopia
4286739058

Trichromacy



Original Color
4282876271

Protanomaly
4285036907

Deuteranomaly
4285364081

Tritanomaly
4283137919

Monochromacy



Original Color
4282876271

Achromatopsia
4285427310

Achromatomaly
4284511598

CSS Examples

Text

The CSS property to change the color of the text to Android 4282876271 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(71, 129, 111)` looks like.

```
.text, #text, p{  
    color:rgb(71, 129, 111)  
}
```

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(71, 129, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 129, 111) }
```

Border

The CSS property to change the border of an element to Android 4282876271 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(71, 129, 111) }
```

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

```
.border{ border-color:rgb(71, 129, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 129, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 129, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 129, 111);  
box-shadow:4px 4px 4px 4px rgb(71, 129,  
111) }
```

Background

The CSS property to change the background color of an element to Android 4282876271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 129, 111) }
```

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

```
.background{ background-color: rgb(71, 129,  
111) }
```

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