

Converting Colors

Android(4281291081)

Have a look what the booklet for
Android(4281291081) contains.

Android(4281291081)	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(4281291081)

Conversions

Conversions Part 1

Format	Color
Hex	2F5149
RGB	47, 81, 73
RGB Percent	18%, 32%, 29%
CMY	0.8157, 0.6824, 0.7137
CMYK	0.42, 0.00, 0.10, 0.68
HSL	166°, 27%, 25%
HSV	166°, 42%, 32%
XYZ	5.3173, 6.9702, 7.3685
YIQ	69.9220, -17.6960, -9.6960

Conversions

Conversions Part 2

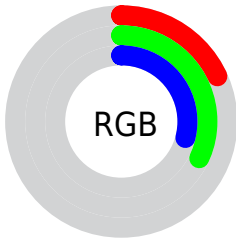
Format	Color
R_{YB}	47, 66, 81
Decimal	3101001
CIE _{Lab}	31.74, -14.54, 0.81
CIE _{LCh}	32, 14.565, 176.825
Yxy	6.9702, 0.2705, 0.3546
Android (android.graphics.Color)	4281291081 (0xFF2F5149)
YUV	69.9220, 1.5175, -20.1026
Hunter-Lab	26.4012, -10.2514, 1.9332

Details

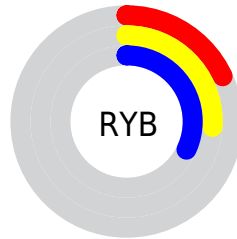
The Android color **4281291081** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4283510583**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4284449401**, and **4278330398** is the 20% darker color. If you saturate the color by 10%, you get **4280766791**, and if you desaturate by 10%, it is **4281815371**.

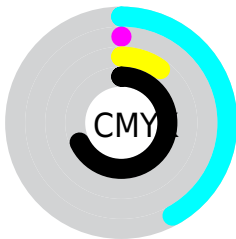
Distribution



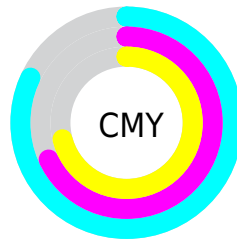
- Red (18%)
- Green (32%)
- Blue (29%)



- Red (18%)
- Yellow (26%)
- Blue (32%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (68%)




- Cyan (82%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281291081 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 4281291081 by changing the saturation by 10% instead.

 4281291081

 4281291081

4294967295

 4279777843

 4284449401

 4278330398

 4286094739

 4278193156


 4287805614

 4278190080

 4289582025

 4291424485

 4293263359

 4281291081

 4281291081

 4280766791

 4281815371

■ 4280242501

■ 4282339661

■ 4279718211

■ 4282863951

■ 4279193921

■ 4283388241

■ 4278669631

■ 4283978067

■ 4278210878

■ 4284502356

■ 4285026646

■ 4285550936

■ 4286075226

Harmonies

Analogous

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



4282077246



4281291081



4280897877

Triad

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



4281291081



4283123807



4284302904

Complementary

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



4281291081



4283510583

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.



4284629825



4281291081



4283974743

Square

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



4281291081



4282076257



4284498508



4283714100

Rectangle

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



4281291081



4280963163



4284498508



4284433723

Sweetspot

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



4281291081



4284180837



4281880879



4281153076



4290098613



4281742902

Same Dimension

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



4281291081



4281624924



4281289041



4280625448



4278217040



4278249649

Inverse Universe

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



4283510583



4285084737



4283512879



4280886566



4285071385



4293394487

Previews

White Background



This preview shows how the Android color 4281291081 looks on a white background.

Color Contrast Check

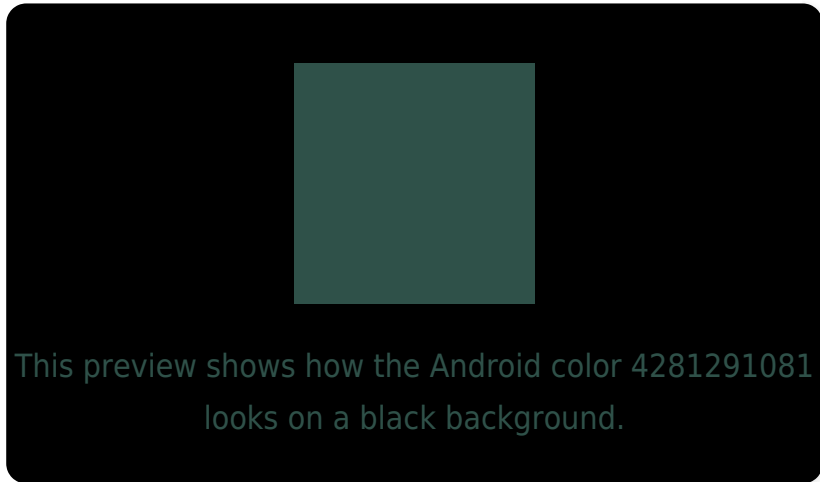
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4281291081 Background



This preview shows how black text looks on a background with the Android color 4281291081.



This preview shows how white text looks on a background with the Android color 4281291081.

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

4281291081

Protanopia

4283255365

Deuteranopia

4283517003

Trichromacy



Original Color
4281291081

Protanomaly
4282535238

Deuteranomaly
4282731338

Tritanomaly
4281421905

Monochromacy



Original Color
4281291081

Achromatopsia
4282795590

Achromatomaly
4282272327

CSS Examples

Text

The CSS property to change the color of the text to Android 4281291081 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(47, 81, 73)` looks like.

```
.text, #text, p{  
    color:rgb(47, 81, 73)  
}
```

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(47, 81, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 81, 73) }
```

Border

The CSS property to change the border of an element to Android 4281291081 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(47, 81, 73) }
```

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

```
.border{ border-color:rgb(47, 81, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 81, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 81, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 81, 73);  
box-shadow:4px 4px 4px 4px rgb(47, 81, 73)  
}
```

Background

The CSS property to change the background color of an element to Android 4281291081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 81, 73) }
```

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

```
.background{ background-color: rgb(47, 81,  
73) }
```

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