

Converting Colors

Android(4281301100)

Have a look what the booklet for
Android(4281301100) contains.

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Color

Android(4281301100)

Conversions

Conversions Part 1

Format	Color
Hex	2F786C
RGB	47, 120, 108
RGB Percent	18%, 47%, 42%
CMY	0.8157, 0.5294, 0.5765
CMYK	0.61, 0.00, 0.10, 0.53
HSL	170°, 44%, 33%
HSV	170°, 61%, 47%
XYZ	10.5955, 15.1200, 16.5474
YIQ	96.8050, -39.6560, -19.2080

Conversions

Conversions Part 2

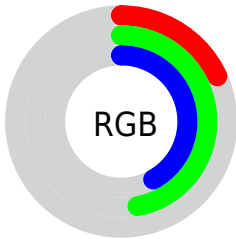
Format	Color
RYB	47, 87, 120
Decimal	3111020
CIELab	45.80, -25.73, -0.18
CIElCh	46, 25.733, 180.404
Yxy	15.1200, 0.2507, 0.3578
Android (android.graphics.Color)	4281301100 (0xFF2F786C)
YUV	96.8050, 5.5191, -43.6790
Hunter-Lab	38.8844, -19.4087, 1.9881

Details

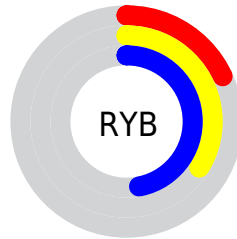
The Android color `4281301100` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286066491`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284853663`, and `4278208317` is the 20% darker color. If you saturate the color by 10%, you get `4280514666`, and if you desaturate by 10%, it is `4282087534`.

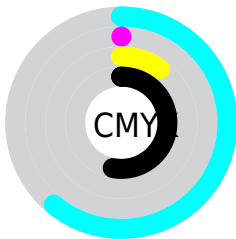
Distribution



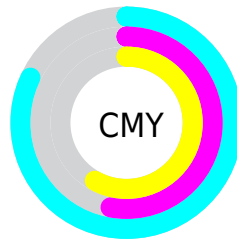
- Red (18%)
- Green (47%)
- Blue (42%)



- Red (18%)
- Yellow (34%)
- Blue (47%)



- Cyan (61%)
- Magenta (0%)
- Yellow (10%)
- Black (53%)





- Cyan (82%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281301100 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 4281301100 by changing the saturation by 10% instead.

 4281301100

 4281301100

4294967295

 4279131988

 4284853663

 4278208317

 4286630074

 4278202407

 4288406742

 4278197522

 4290248690

 4278190080

 4292149247

 4294049791

 4281301100

 4281301100

 4280514666

 4282087534

■ 4279728232

■ 4282873968

■ 4278941798

■ 4283660402

■ 4278220900

■ 4284446836

■ 4285233270

■ 4286019704

■ 4286806138

■ 4287592572

■ 4288379006

Harmonies

Analogous

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



4283135575



4281301100



4279924609

Triad

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



4281301100



4285491090



4287390792

Complementary

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



4281301100



4286066491

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.



4288044632



4281301100



4287127682

Square

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



4281301100



4283330199



4287978605



4286278465

Rectangle

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



4281301100



4280383117



4287978605



4287652172

Sweetspot

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



4281301100



4286618775



4282087471



4282273612



4291809231



4283387727

Same Dimension

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



4281301100



4280982665



4281294968



4281810236



4278222184



4278254803

Inverse Universe

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



4286066491



4288424509



4286072623



4282201912



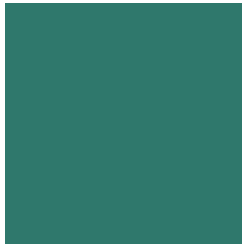
4286382101



4294705193

Previews

White Background



This preview shows how the Android color 4281301100 looks on a white background.

Color Contrast Check

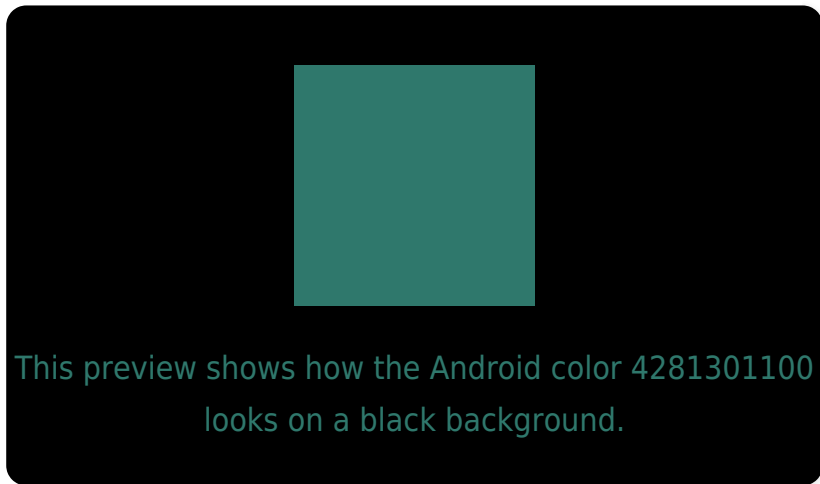
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281301100 Background



This preview shows how black text looks on a background with the Android color 4281301100.

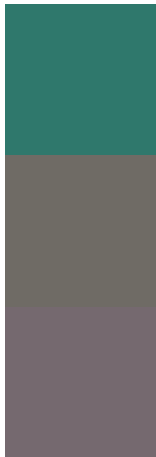


This preview shows how white text looks on a background with the Android color 4281301100.

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
4281301100

Protanopia
4285492069

Deuteranopia
4285884783

Trichromacy



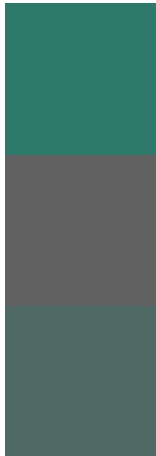
Original Color
4281301100

Protanomaly
4283986024

Deuteranomaly
4284247662

Tritanomaly
4281628280

Monochromacy



Original Color
4281301100

Achromatopsia
4284572001

Achromatomaly
4283394405

CSS Examples

Text

The CSS property to change the color of the text to Android 4281301100 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, 120, 108)` looks like.

```
.text, #text, p{  
    color:rgb(47, 120, 108)  
}
```

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, 120, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 120, 108) }
```

Border

The CSS property to change the border of an element to Android 4281301100 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, 120, 108) }
```

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

```
.border{ border-color:rgb(47, 120, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 120, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 120, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 120, 108);  
box-shadow:4px 4px 4px 4px rgb(47, 120,  
108) }
```

Background

The CSS property to change the background color of an element to Android 4281301100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 120, 108) }
```

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

```
.background{ background-color: rgb(47, 120,  
108) }
```

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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