

Converting Colors

Android(4281116011)

Have a look what the booklet for
Android(4281116011) contains.

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Color

Android(4281116011)

Conversions

Conversions Part 1

Format	Color
Hex	2CA56B
RGB	44, 165, 107
RGB Percent	17%, 65%, 42%
CMY	0.8275, 0.3529, 0.5804
CMYK	0.73, 0.00, 0.35, 0.35
HSL	151°, 58%, 41%
HSV	151°, 73%, 65%
XYZ	17.1477, 28.5073, 18.5086
YIQ	122.2090, -53.4980, -43.6900

Conversions

Conversions Part 2

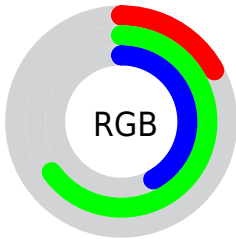
Format	Color
RYB	44, 124, 165
Decimal	2925931
CIELab	60.34, -46.54, 20.84
CIElCh	60, 50.996, 155.882
Yxy	28.5073, 0.2672, 0.4443
Android (android.graphics.Color)	4281116011 (0xFF2CA56B)
YUV	122.2090, -7.4980, -68.5893
Hunter-Lab	53.3922, -36.1085, 16.8215

Details

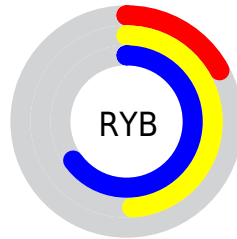
The Android color `4281116011` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289014886`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4285259167`, and `4278218811` is the 20% darker color. If you saturate the color by 10%, you get `4280001891`, and if you desaturate by 10%, it is `4282164595`.

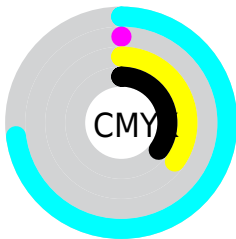
Distribution



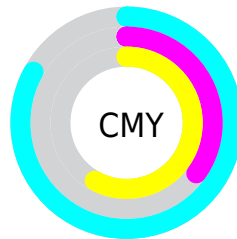
- Red (17%)
- Green (65%)
- Blue (42%)



- Red (17%)
- Yellow (49%)
- Blue (65%)



- Cyan (73%)
- Magenta (0%)
- Yellow (35%)
- Black (35%)




- Cyan (83%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281116011 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 4281116011 by changing the saturation by 10% instead.

 4281116011

 4281116011

4294967295

 4278225490

 4285259167

 4278218811

 4287167162

 4278212389

 4289069014

 4278205967

 4290969586


 4278200576

 4292870143

 4278190592

4294836223

 4278190080

 4281116011

 4281116011

 4280001891

 4282164595

■ 4278953307

■ 4283278715

■ 4278232406

■ 4284327299

■ 4285441419

■ 4286490003

■ 4287604122

■ 4288652706

■ 4289766826

■ 4290815410

Harmonies

Analogous

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



4285767237



4281116011



4278233241

Triad

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



4281116011



4283143147



4292899167

Complementary

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



4281116011



4289014886

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.



4293159306



4281116011



4288709339

Square

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



4281116011



4278231267



4291785143



4291330622

Rectangle

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



4281116011



4278233015



4291785143



4293094765

Sweetspot

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



4281116011



4289189568



4284917036



4283394910



4293651435



4285229931

Same Dimension

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



4281116011



4279948924



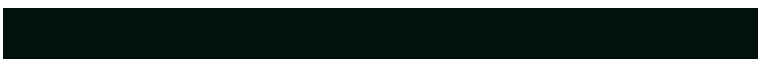
4281115557



4282995278



4278227276



4278194697

Inverse Universe

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



4289014886



4292221556



4289015340



4283582797



4287692870



4279369737

Previews

White Background



This preview shows how the Android color 4281116011 looks on a white background.

Color Contrast Check

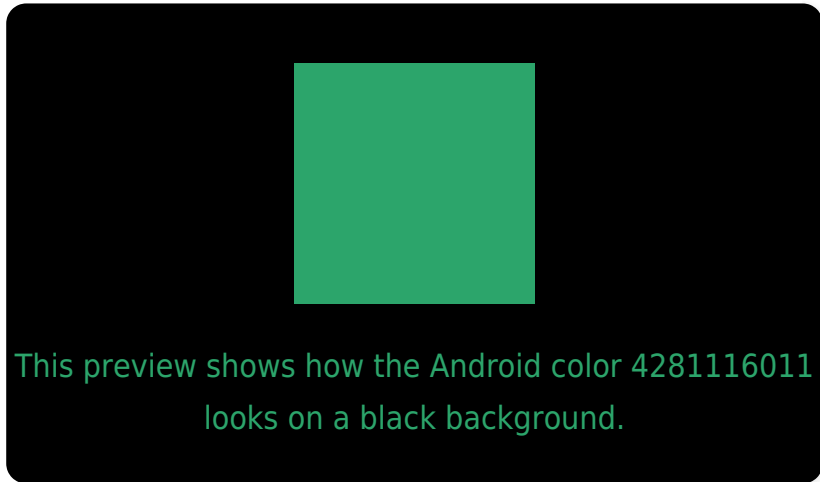
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 4281116011 Background



This preview shows how black text looks on a background with the Android color 4281116011.



This preview shows how white text looks on a background with the Android color 4281116011.

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

4281116011



Protanomaly

4285765733



Deuteranomaly

4286354543



Tritanomaly

4282228883

Monochromacy



Original Color

4281116011



Achromatopsia

4286216826



Achromatomaly

4284385909

CSS Examples

Text

The CSS property to change the color of the text to Android 4281116011 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(44, 165, 107)` looks like.

```
.text, #text, p{  
    color:rgb(44, 165, 107)  
}
```

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(44, 165, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 165, 107) }
```

Border

The CSS property to change the border of an element to Android 4281116011 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(44, 165, 107) }
```

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

```
.border{ border-color:rgb(44, 165, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 165, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 165, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 165, 107);  
box-shadow:4px 4px 4px 4px rgb(44, 165,  
107) }
```

Background

The CSS property to change the background color of an element to Android 4281116011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 165, 107) }
```

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

```
.background{ background-color: rgb(44, 165,  
107) }
```

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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