

Converting Colors

Android(4281176381)

Have a look what the booklet for
Android(4281176381) contains.

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Color

Android(4281176381)

Conversions

Conversions Part 1

Format	Color
Hex	2D913D
RGB	45, 145, 61
RGB Percent	18%, 57%, 24%
CMY	0.8235, 0.4314, 0.7608
CMYK	0.69, 0.00, 0.58, 0.43
HSL	130°, 53%, 37%
HSV	130°, 69%, 57%
XYZ	12.0499, 21.1456, 7.8613
YIQ	105.5240, -32.6360, -47.3240

Conversions

Conversions Part 2

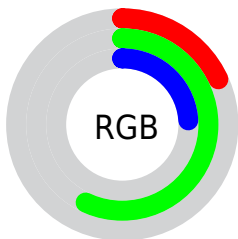
Format	Color
R_{YB}	45, 131, 145
Decimal	2986301
CIE _{Lab}	53.11, -46.70, 35.87
CIE _{LCh}	53, 58.889, 142.471
Yxy	21.1456, 0.2935, 0.5150
Android (android.graphics.Color)	4281176381 (0xFF2D913D)
YUV	105.5240, -21.9503, -53.0795
Hunter-Lab	45.9844, -33.6979, 22.0531

Details

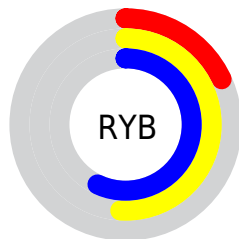
The Android color `4281176381` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4287704449`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4285057135`, and `4278213898` is the 20% darker color. If you saturate the color by 10%, you get `4280258865`, and if you desaturate by 10%, it is `4282159433`.

Distribution



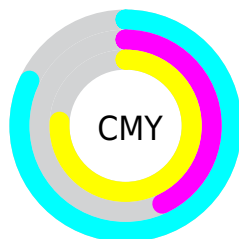
- Red (18%)
- Green (57%)
- Blue (24%)



- Red (18%)
- Yellow (51%)
- Blue (57%)



- Cyan (69%)
- Magenta (0%)
- Yellow (58%)
- Black (43%)




- Cyan (82%)
- Magenta (43%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281176381 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 4281176381 by changing the saturation by 10% instead.

 4281176381

 4281176381

4294967295

 4278220581

 4285057135

 4278213898

 4286899337

 4278207744

 4288806820

 4278201856


 4290641855

 4278194944

 4292542427

 4278190080

 4294508536

 4281176381

 4281176381

 4280258865

 4282159433

■ 4279275813

■ 4283076949

■ 4278358296

■ 4284060002

■ 4278227223

■ 4284977518

■ 4285960570

■ 4286878086

■ 4287861138

■ 4288778654

■ 4289761707

Harmonies

Analogous

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



4285761551



4281176381



4278228592

Triad

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



4281176381



4278225380



4292431963

Complementary

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



4281176381



4287704449

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.



4292038030



4281176381



4284839901

Square

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



4281176381



4278227919



4289683645



4291191598

Rectangle

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



4281176381



4278228883



4289683645



4292496492

Sweetspot

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



4281176381



4288003483



4286746925



4282867275



4292796126



4284374622

Same Dimension

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



4281176381



4280335673



4281176430



4282402625



4278224662



4278192129

Inverse Universe

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



4287704449



4290584740



4287704400



4282859590



4287037554



4278714374

Previews

White Background



This preview shows how the Android color 4281176381 looks on a white background.

Color Contrast Check

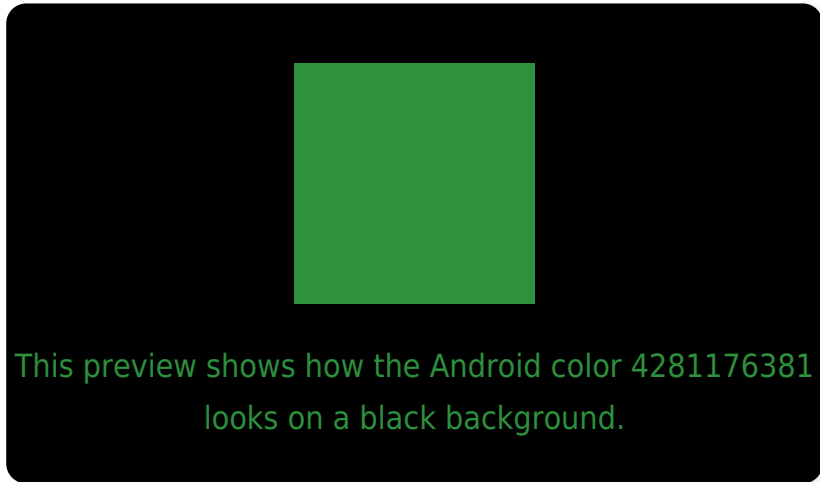
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281176381 Background



This preview shows how black text looks on a background with the Android color 4281176381.



This preview shows how white text looks on a background with the Android color 4281176381.

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
4281176381

Protanopia
4287397431

Deuteranopia
4288313412

Trichromacy



Original Color

4281176381



Protanomaly

4285105465



Deuteranomaly

4285694273



Tritanomaly

4282289012

Monochromacy



Original Color

4281176381



Achromatopsia

4285164138



Achromatomaly

4283725914

CSS Examples

Text

The CSS property to change the color of the text to Android 4281176381 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(45, 145, 61)` looks like.

```
.text, #text, p{  
    color:rgb(45, 145, 61)  
}
```

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(45, 145, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 145, 61) }
```

Border

The CSS property to change the border of an element to Android 4281176381 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(45, 145, 61) }
```

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

```
.border{ border-color:rgb(45, 145, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 145, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 145, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 145, 61);  
box-shadow:4px 4px 4px 4px rgb(45, 145,  
61) }
```

Background

The CSS property to change the background color of an element to Android 4281176381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 145, 61) }
```

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

```
.background{ background-color: rgb(45, 145,  
61) }
```

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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