

Converting Colors

Android(4281311797)

Have a look what the booklet for
Android(4281311797) contains.

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Color

Android(4281311797)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2FA235 |
| RGB | 47, 162, 53 |
| RGB Percent | 18%, 64%, 21% |
| CMY | 0.8157, 0.3647, 0.7922 |
| CMYK | 0.71, 0.00, 0.67, 0.36 |
| HSL | 123°, 55%, 41% |
| HSV | 123°, 71%, 64% |
| XYZ | 14.7352, 26.7020, 7.7455 |
| YIQ | 115.1890, -33.5510, -58.2790 |

Conversions

Conversions Part 2

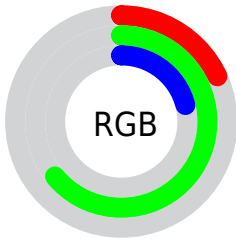
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 47, 156, 162 |
| Decimal | 3121717 |
| CIE _{Lab} | 58.70, -53.37, 45.92 |
| CIE _{LCh} | 59, 70.406, 139.291 |
| Yxy | 26.7020, 0.2996, 0.5429 |
| Android (android.graphics.Color) | 4281311797 (0xFF2FA235) |
| YUV | 115.1890, -30.6592, -59.8018 |
| Hunter-Lab | 51.6740, -39.5289, 27.2847 |

Details

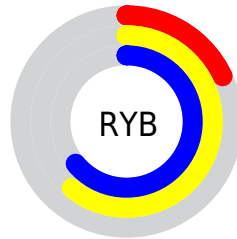
The Android color `4281311797` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4288819100`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4285454953`, and `4278217984` is the 20% darker color. If you saturate the color by 10%, you get `4280263206`, and if you desaturate by 10%, it is `4282360388`.

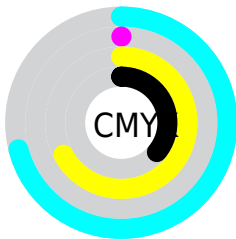
Distribution



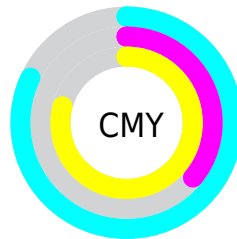
- Red (18%)
- Green (64%)
- Blue (21%)



- Red (18%)
- Yellow (61%)
- Blue (64%)



- Cyan (71%)
- Magenta (0%)
- Yellow (67%)
- Black (36%)




- Cyan (82%)
- Magenta (36%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281311797 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 4281311797 by changing the saturation by 10% instead.

 4281311797

 4281311797

4294967295

 4278224666

 4285454953

 4278217984

 4287362947

 4278211328

 4289265566

 4278205184


 4291166138

 4278199552

 4293132246

 4278190080

 4294967283

 4281311797

 4281311797

 4280263206

 4282360388

■ 4279214614

■ 4283408980

■ 4278231560

■ 4284523107

■ 4285571698

■ 4286620290

■ 4287668881

■ 4288717472

■ 4289831600

■ 4290880191

Harmonies

Analogous

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



4286879232



4281311797



4278233204

Triad

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



4281311797



4278230015



4294594152

Complementary

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



4281311797



4288819100

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.



4293938854



4281311797



4283991807

Square

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



4281311797



4278232810



4290865631



4293224239

Rectangle

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



4281311797



4278233503



4290865631



4294593149

Sweetspot

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



4281311797



4289189034



4288455215



4283460434



4293651435



4285229931

Same Dimension

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



4281311797



4280341545



4281311854



4282995274



4278227208



4278194689

Inverse Universe

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



4288819100



4292092106



4288819043



4283582801



4287692938



4279369745

Previews

White Background



This preview shows how the Android color 4281311797 looks on a white background.

Color Contrast Check

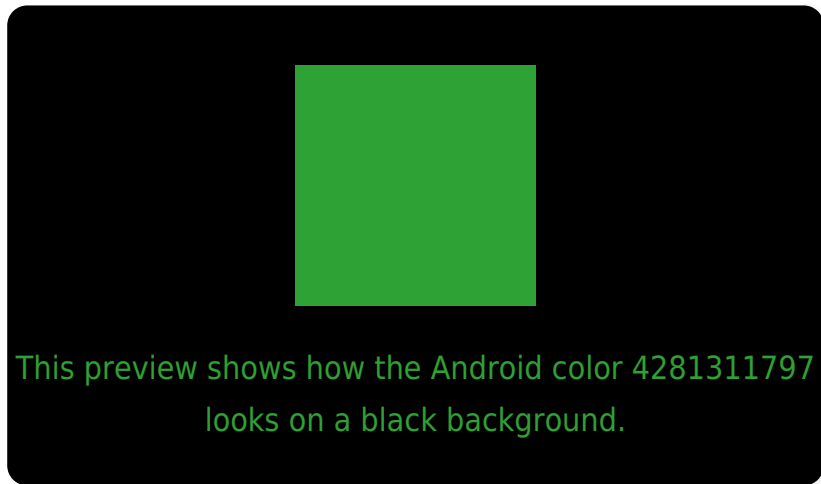
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281311797 Background



This preview shows how black text looks on a background with the Android color 4281311797.



This preview shows how white text looks on a background with the Android color 4281311797.

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

4281311797



Protanomaly

4285895729



Deuteranomaly

4286615611



Tritanomaly

4282620796

Monochromacy



Original Color

4281311797



Achromatopsia

4285756275



Achromatomaly

4284122204

CSS Examples

Text

The CSS property to change the color of the text to Android 4281311797 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, 162, 53)` looks like.

```
.text, #text, p{  
    color:rgb(47, 162, 53)  
}
```

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, 162, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 162, 53) }
```

Border

The CSS property to change the border of an element to Android 4281311797 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, 162, 53) }
```

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

```
.border{ border-color:rgb(47, 162, 53) }
```

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

Here you see how a box with a 4 pixel rgb(47, 162, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 162, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 162, 53);  
box-shadow:4px 4px 4px 4px rgb(47, 162,  
53) }
```

Background

The CSS property to change the background color of an element to Android 4281311797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 162, 53) }
```

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

```
.background{ background-color: rgb(47, 162,  
53) }
```

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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