

Converting Colors

Android(4281715021)

Have a look what the booklet for
Android(4281715021) contains.

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Color

Android(4281715021)

Conversions

Conversions Part 1

Format	Color
Hex	35C94D
RGB	53, 201, 77
RGB Percent	21%, 79%, 30%
CMY	0.7922, 0.2118, 0.6980
CMYK	0.74, 0.00, 0.62, 0.21
HSL	130°, 58%, 50%
HSV	130°, 74%, 79%
XYZ	23.6944, 43.0660, 14.0849
YIQ	142.6120, -48.4040, -69.9400

Conversions

Conversions Part 2

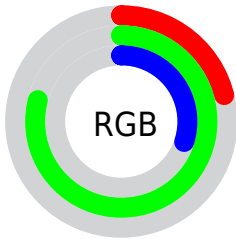
Format	Color
RYB	53, 180, 201
Decimal	3524941
CIELab	71.60, -62.90, 49.89
CIELCh	72, 80.282, 141.584
Yxy	43.0660, 0.2931, 0.5327
Android (android.graphics.Color)	4281715021 (0xFF35C94D)
YUV	142.6120, -32.3467, -78.5897
Hunter-Lab	65.6247, -50.3941, 33.2120

Details

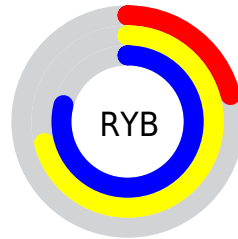
The Android color `4281715021` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted green. A complement of this color would be `4291376561`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4286185346`, and `4278227221` is the 20% darker color. If you saturate the color by 10%, you get `4280404284`, and if you desaturate by 10%, it is `4283025758`.

Distribution



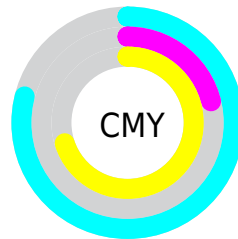
- Red (21%)
- Green (79%)
- Blue (30%)



- Red (21%)
- Yellow (71%)
- Blue (79%)



- Cyan (74%)
- Magenta (0%)
- Yellow (62%)
- Black (21%)




- Cyan (79%)
- Magenta (21%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281715021 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 4281715021 by changing the saturation by 10% instead.

 4281715021

 4281715021

4294967295

 4278234418

 4286185346

 4278227221

 4288216989

 4278220544

 4290183097

 4278213888

 4292149205


 4278207232

 4294180850

 4278201344

 4278192896

 4278190080

 4281715021

 4281715021

■ 4280404284

■ 4283025758

■ 4279093547

■ 4284336495

■ 4278241569

■ 4285647232

■ 4286957968

■ 4288334241

■ 4289644978

■ 4290955715

■ 4292266452

■ 4293577189

Harmonies

Analogous

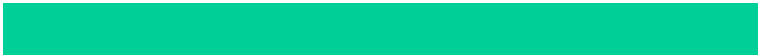
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288658176



4281715021



4278243480

Triad

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



4281715021



4278238975



4294928254

Complementary

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



4281715021



4291376561

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.



4294927815



4281715021



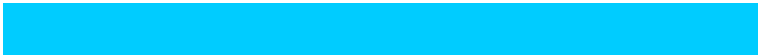
4286686719

Square

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



4281715021



4278242559



4294148863



4294935867

Rectangle

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



4281715021



4278243787



4294148863



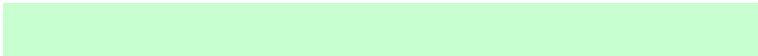
4294926998

Sweetspot

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



4281715021



4291297232



4289972533



4284383332



4278190080



4286611584

Same Dimension

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



4281715021



4280287043



4281715093



4284113755



4278231834



4278199302

Inverse Universe

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



4291376561



4294909915



4291376489



4284701282



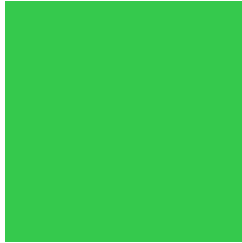
4288872585



4280549406

Previews

White Background



This preview shows how the Android color 4281715021 looks on a white background.

Color Contrast Check

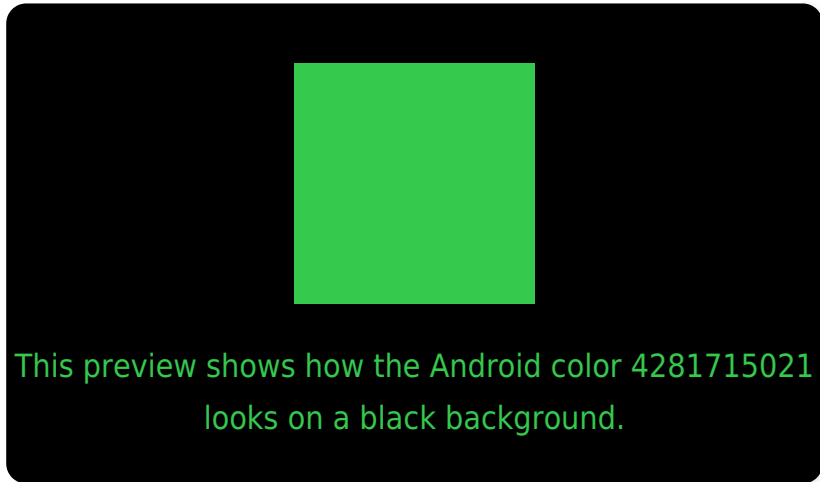
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

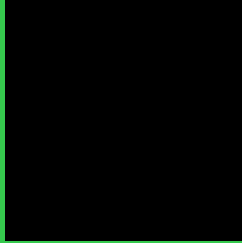
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Android 4281715021 Background



This preview shows how black text looks on a background with the Android color 4281715021.



This preview shows how white text looks on a background with the Android color 4281715021.

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
4281715021

Protanopia
4290948677

Deuteranopia
4292257367

Trichromacy



Original Color
4281715021



Protanomaly
4287608904



Deuteranomaly
4288394067



Tritanomaly
4283416990

Monochromacy



Original Color
4281715021



Achromatopsia
4287598479



Achromatomaly
4285441143

CSS Examples

Text

The CSS property to change the color of the text to Android 4281715021 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(53, 201, 77)` looks like.

```
.text, #text, p{  
    color:rgb(53, 201, 77)  
}
```

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(53, 201, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 201, 77) }
```

Border

The CSS property to change the border of an element to Android 4281715021 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(53, 201, 77) }
```

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

```
.border{ border-color:rgb(53, 201, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 201, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 201, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 201, 77);  
box-shadow:4px 4px 4px 4px rgb(53, 201,  
77) }
```

Background

The CSS property to change the background color of an element to Android 4281715021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 201, 77) }
```

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

```
.background{ background-color: rgb(53, 201,  
77) }
```

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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