

Converting Colors

Android(4281313024)

Have a look what the booklet for
Android(4281313024) contains.

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Color

Android(4281313024)

Conversions

Conversions Part 1

Format	Color
Hex	2FA700
RGB	47, 167, 0
RGB Percent	18%, 65%, 0%
CMY	0.8157, 0.3451, 1.0000
CMYK	0.72, 0.00, 1.00, 0.35
HSL	103°, 100%, 33%
HSV	103°, 100%, 65%
XYZ	14.9910, 28.2418, 4.6611
YIQ	112.0820, -17.9130, -77.3770

Conversions

Conversions Part 2

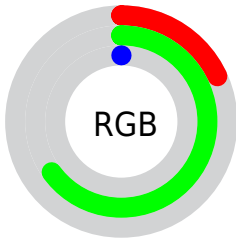
Format	Color
RYB	0, 167, 120
Decimal	3122944
CIELab	60.11, -57.90, 61.25
CIELCh	60, 84.287, 133.386
Yxy	28.2418, 0.3130, 0.5897
Android (android.graphics.Color)	4281313024 (0xFF2FA700)
YUV	112.0820, -55.2564, -57.0769
Hunter-Lab	53.1430, -42.6475, 31.9998

Details

The Android color `4281313024` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4286054567`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4285587273`, and `4278219008` is the 20% darker color. If you saturate the color by 10%, you get `4281313024`, and if you desaturate by 10%, it is `4282099473`.

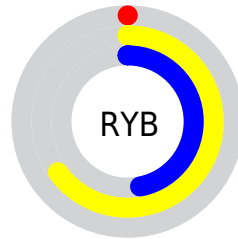
Distribution



Red (18%)

Green (65%)

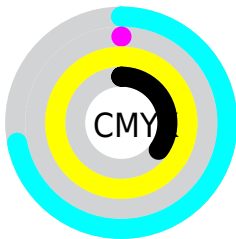
Blue (0%)



Red (0%)

Yellow (65%)

Blue (47%)

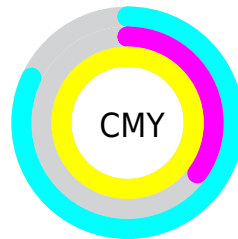


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (82%)


Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281313024 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 4281313024 by changing the saturation by 10% instead.

 4281313024

 4281313024

4294967295

 4278225920

 4285587273

 4278219008

 4287560805

 4278212608

 4289527681

 4278206208

 4291493788

 4278200320


 4293459897

 4278190336

 4294967253

 4278190080

 4294967283

 4281313024

 4282099473

 4282885921

 4283672370

 4284458819

 4285245267

 4286031716

 4286818165

 4287604614

 4288391062

Harmonies

Analogous

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



4287731712



4281313024



4278234723

Triad

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



4281313024



4278232575



4294914163

Complementary

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



4281313024



4286054567

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.



4294852285



4281313024



4278226943

Square

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



4281313024



4278235126



4290472958



4294858795

Rectangle

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



4281313024



4278235544



4290472958



4294913164

Sweetspot

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



4281313024



4289386904



4289165312



4283526726



4293783021



4285427310

Same Dimension

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



4281313024



4282243328



4278232868



4283323468



4280980480



4278588416

Inverse Universe

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



4286054567



4288413913



4289134723



4283583572



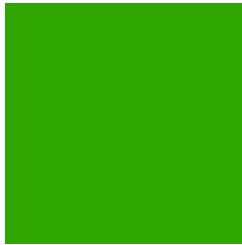
4285137044



4279173140

Previews

White Background



This preview shows how the Android color 4281313024 looks on a white background.

Color Contrast Check

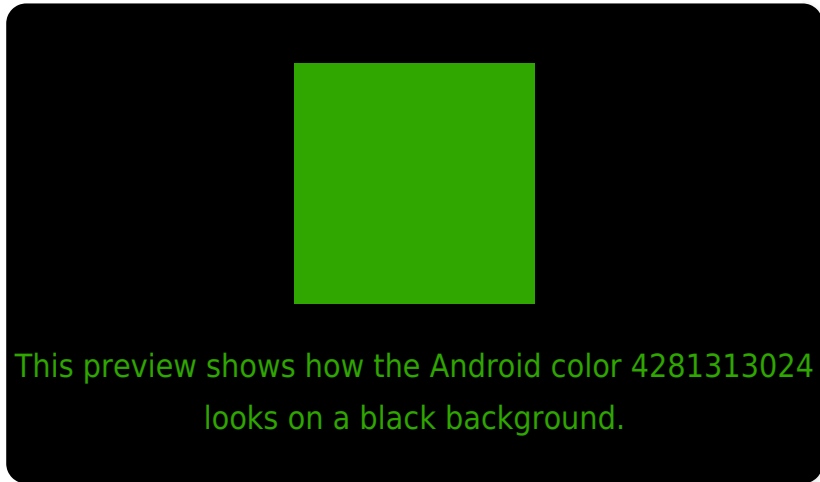
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281313024 Background



This preview shows how black text looks on a background with the Android color 4281313024.



This preview shows how white text looks on a background with the Android color 4281313024.

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
4281313024

Protanopia
4288843776

Deuteranopia
4290086948

Trichromacy



Original Color

4281313024



Protanomaly

4286093312



Deuteranomaly

4286878487



Tritanomaly

4282752875

Monochromacy



Original Color

4281313024



Achromatopsia

4285558896



Achromatomaly

4283991111

CSS Examples

Text

The CSS property to change the color of the text to Android 4281313024 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, 167, 0)` looks like.

```
.text, #text, p{  
    color:rgb(47, 167, 0)  
}
```

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, 167, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 167, 0) }
```

Border

The CSS property to change the border of an element to Android 4281313024 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, 167, 0) }
```

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

```
.border{ border-color:rgb(47, 167, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 167, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 167, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 167, 0);  
box-shadow:4px 4px 4px 4px rgb(47, 167, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4281313024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 167, 0) }
```

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

```
.background{ background-color: rgb(47, 167,  
0) }
```

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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