

Converting Colors

Android(4281116962)

Have a look what the booklet for
Android(4281116962) contains.

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Color

Android(4281116962)

Conversions

Conversions Part 1

Format	Color
Hex	2CA922
RGB	44, 169, 34
RGB Percent	17%, 66%, 13%
CMY	0.8275, 0.3373, 0.8667
CMYK	0.74, 0.00, 0.80, 0.34
HSL	116°, 67%, 40%
HSV	116°, 80%, 66%
XYZ	15.5154, 29.0269, 6.2984
YIQ	116.2350, -31.1650, -68.4850

Conversions

Conversions Part 2

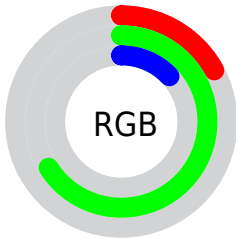
Format	Color
R_{YB}	34, 169, 159
Decimal	2926882
CIE _{Lab}	60.81, -57.80, 55.07
CIE _{LCh}	61, 79.835, 136.381
Yxy	29.0269, 0.3052, 0.5709
Android (android.graphics.Color)	4281116962 (0xFF2CA922)
YUV	116.2350, -40.5419, -63.3501
Hunter-Lab	53.8766, -42.8796, 30.7824

Details

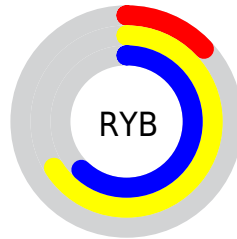
The Android color `4281116962` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4288619177`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4285456730`, and `4278219520` is the 20% darker color. If you saturate the color by 10%, you get `4280068369`, and if you desaturate by 10%, it is `4282165555`.

Distribution



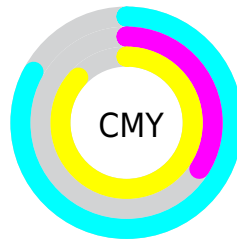
- Red (17%)
- Green (66%)
- Blue (13%)



- Red (13%)
- Yellow (66%)
- Blue (62%)



- Cyan (74%)
- Magenta (0%)
- Yellow (80%)
- Black (34%)



- Cyan (83%)
- Magenta (34%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281116962 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 4281116962 by changing the saturation by 10% instead.



4281116962



4281116962

4294967295



4278226432



4285456730



4278219520



4287430517



4278213120



4289331088



4278206720



4291297196



4278200832



4293263304



4278191616



4294967269



4278190080



4281116962



4281116962



4280068369



4282165555

■ 4279085312

■ 4283148612

■ 4284197205

■ 4285245798

■ 4286228854

■ 4287277447

■ 4288326040

■ 4289309097

■ 4290357690

Harmonies

Analogous

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



4287470336



4281116962



4278235247

Triad

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



4281116962



4278232319



4294918511

Complementary

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



4281116962



4288619177

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.



4294919862



4281116962



4280979199

Square

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



4281116962



4278235128



4291128565



4294533676

Rectangle

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



4281116962



4278235808



4291128565



4294917255

Sweetspot

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



4281116962



4289452967



4289306146



4283461198



4293783021



4285427310

Same Dimension

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



4281116962



4279819017



4280461658



4283192396



4278948864



4278326272

Inverse Universe

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



4288619177



4291561947



4289274481



4283714644



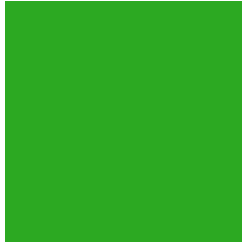
4287168660



4279435284

Previews

White Background



This preview shows how the Android color 4281116962 looks on a white background.

Color Contrast Check

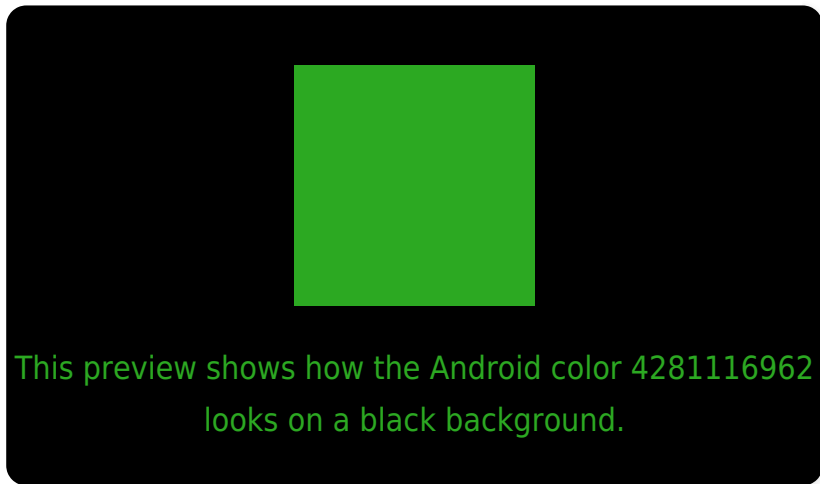
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281116962 Background



This preview shows how black text looks on a background with the Android color 4281116962.



This preview shows how white text looks on a background with the Android color 4281116962.

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

4281116962

Protanopia

4288975388

Deuteranopia

4290153009

Trichromacy



Original Color

4281116962



Protanomaly

4286093854



Deuteranomaly

4286879020



Tritanomaly

4282687865

Monochromacy



Original Color

4281116962



Achromatopsia

4285822068



Achromatomaly

4284122966

CSS Examples

Text

The CSS property to change the color of the text to Android 4281116962 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, 169, 34)` looks like.

```
.text, #text, p{  
    color:rgb(44, 169, 34)  
}
```

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, 169, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 169, 34) }
```

Border

The CSS property to change the border of an element to Android 4281116962 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, 169, 34) }
```

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

```
.border{ border-color:rgb(44, 169, 34) }
```

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

Here you see how a box with a 4 pixel rgb(44, 169, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 169, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 169, 34);  
box-shadow:4px 4px 4px 4px rgb(44, 169,  
34) }
```

Background

The CSS property to change the background color of an element to Android 4281116962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 169, 34) }
```

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

```
.background{ background-color: rgb(44, 169,  
34) }
```

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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