

Converting Colors

Android(4280003114)

Have a look what the booklet for
Android(4280003114) contains.

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Color

Android(4280003114)

Conversions

Conversions Part 1

Format	Color
Hex	1BAA2A
RGB	27, 170, 42
RGB Percent	11%, 67%, 16%
CMY	0.8941, 0.3333, 0.8353
CMYK	0.84, 0.00, 0.75, 0.33
HSL	126°, 73%, 39%
HSV	126°, 84%, 67%
XYZ	15.2446, 29.1496, 7.0135
YIQ	112.6510, -44.1400, -70.1240

Conversions

Conversions Part 2

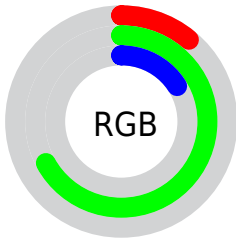
Format	Color
RYB	27, 156, 170
Decimal	1813034
CIELab	60.91, -59.86, 52.44
CIElCh	61, 79.581, 138.782
Yxy	29.1496, 0.2965, 0.5670
Android (android.graphics.Color)	4280003114 (0xFF1BAA2A)
YUV	112.6510, -34.8309, -75.1159
Hunter-Lab	53.9904, -44.0822, 30.0914

Details

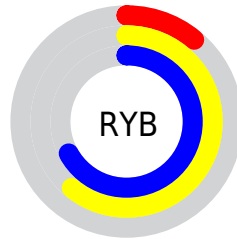
The Android color `4280003114` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4289338267`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4284867424`, and `4278219776` is the 20% darker color. If you saturate the color by 10%, you get `4278888987`, and if you desaturate by 10%, it is `4281117241`.

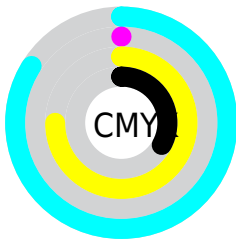
Distribution



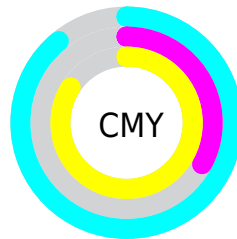
- Red (11%)
- Green (67%)
- Blue (16%)



- Red (11%)
- Yellow (61%)
- Blue (67%)



- Cyan (84%)
- Magenta (0%)
- Yellow (75%)
- Black (33%)



- Cyan (89%)
- Magenta (33%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280003114 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 4280003114 by changing the saturation by 10% instead.

 4280003114

 4280003114

4294967295

 4278226694

 4284867424

 4278219776

 4286906235

 4278213120

 4288872342

 4278206720

 4290772914

 4278200832

 4292739022

 4278191616


 4294770667

 4278190080

 4280003114

 4280003114

 4278888987

 4281117241

 4278233618

 4282231368

 4283345496

 4284459623

 4285573750

 4286687877

 4287802005

 4288916132

 4290030259

Harmonies

Analogous

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



4287143168



4280003114



4278235253

Triad

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



4280003114



4278232063



4294919274

Complementary

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



4280003114



4289338267

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.



4294919600



4280003114



4282944767

Square

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



4280003114



4278235132



4291521009



4294338087

Rectangle

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



4280003114



4278235814



4291521009



4294917761

Sweetspot

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



4280003114



4289126060



4288457243



4283396178



4293980400



4285558896

Same Dimension

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



4280003114



4278246935



4280003185



4283192397



4278227984



4278195202

Inverse Universe

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



4289338267



4292739271



4289338196



4283714643



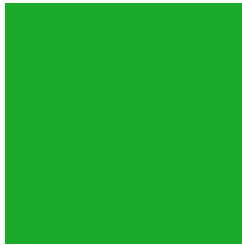
4287889540



4279500818

Previews

White Background



This preview shows how the Android color 4280003114 looks on a white background.

Color Contrast Check

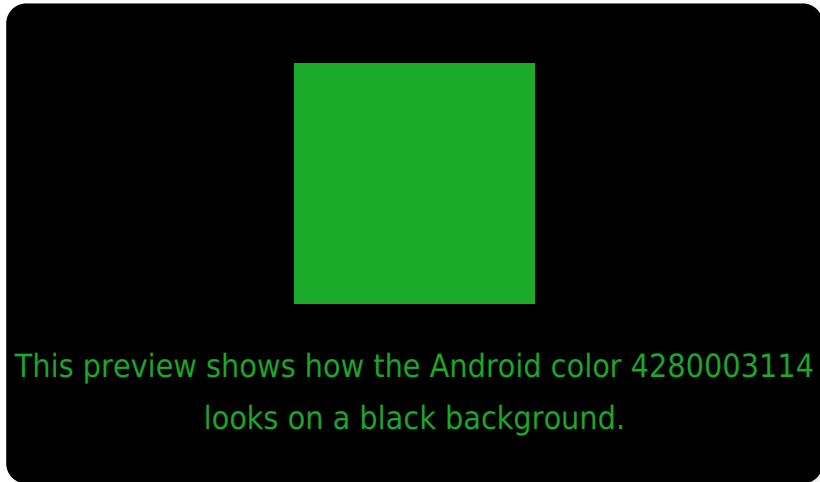
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280003114 Background



This preview shows how black text looks on a background with the Android color 4280003114.



This preview shows how white text looks on a background with the Android color 4280003114.

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
4280003114

Protanopia
4288975396

Deuteranopia
4290153271

Trichromacy



Original Color

4280003114



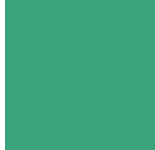
Protanomaly

4285700902



Deuteranomaly

4286486066



Tritanomaly

4281967484

Monochromacy



Original Color

4280003114



Achromatopsia

4285624689



Achromatomaly

4283598423

CSS Examples

Text

The CSS property to change the color of the text to Android 4280003114 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(27, 170, 42)` looks like.

```
.text, #text, p{  
    color:rgb(27, 170, 42)  
}
```

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(27, 170, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 170, 42) }
```

Border

The CSS property to change the border of an element to Android 4280003114 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(27, 170, 42) }
```

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

```
.border{ border-color:rgb(27, 170, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 170, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 170, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 170, 42);  
box-shadow:4px 4px 4px 4px rgb(27, 170,  
42) }
```

Background

The CSS property to change the background color of an element to Android 4280003114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 170, 42) }
```

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

```
.background{ background-color: rgb(27, 170,  
42) }
```

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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