

Converting Colors

Android(4281904444)

Have a look what the booklet for
Android(4281904444) contains.

Android(4281904444)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281904444)

Conversions

Conversions Part 1

Format	Color
Hex	38AD3C
RGB	56, 173, 60
RGB Percent	22%, 68%, 24%
CMY	0.7804, 0.3216, 0.7647
CMYK	0.68, 0.00, 0.65, 0.32
HSL	122°, 51%, 45%
HSV	122°, 68%, 68%
XYZ	17.3901, 31.0541, 9.3525
YIQ	125.1350, -33.4590, -59.9470

Conversions

Conversions Part 2

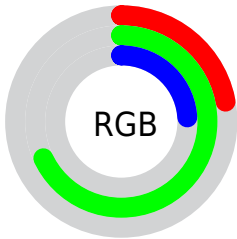
Format	Color
RYB	56, 169, 173
Decimal	3714364
CIELab	62.55, -54.74, 47.19
CIELCh	63, 72.275, 139.235
Yxy	31.0541, 0.3009, 0.5373
Android (android.graphics.Color)	4281904444 (0xFF38AD3C)
YUV	125.1350, -32.1116, -60.6314
Hunter-Lab	55.7262, -41.8178, 29.0578

Details

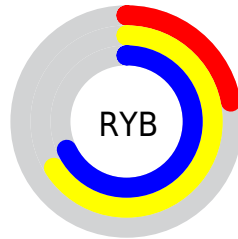
The Android color `4281904444` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4289542313`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4285982320`, and `4278220544` is the 20% darker color. If you saturate the color by 10%, you get `4280790315`, and if you desaturate by 10%, it is `4283018573`.

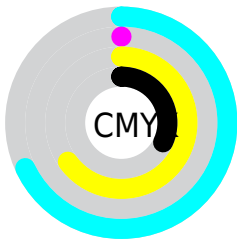
Distribution



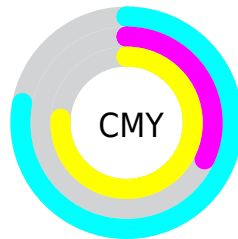
- Red (22%)
- Green (68%)
- Blue (24%)



- Red (22%)
- Yellow (66%)
- Blue (68%)



- Cyan (68%)
- Magenta (0%)
- Yellow (65%)
- Black (32%)



- Cyan (78%)
- Magenta (32%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281904444 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 4281904444 by changing the saturation by 10% instead.



4281904444



4281904444

4294967295



4278686241



4285982320



4278220544



4287889291



4278213888



4289789862



4278207744



4291755970



4278202112



4293722078



4278194176



4294967291



4278190080



4281904444



4281904444



4280790315



4283018573

■ 4279610651

■ 4284198237

■ 4278496522

■ 4285312366

■ 4278234374

■ 4286426495

■ 4287540624

■ 4288720288

■ 4289834417

■ 4290948546

■ 4292128210

Harmonies

Analogous

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



4287537408



4281904444



4278236029

Triad

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



4281904444



4278232831



4294924145

Complementary

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



4281904444



4289542313

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.



4294858673



4281904444



4284649727

Square

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



4281904444



4278235640



4291654380



4294209590

Rectangle

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



4281904444



4278236586



4291654380



4294923142

Sweetspot

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



4281904444



4290044085



4289310008



4283789398



4293980400



4285558896

Same Dimension

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



4281904444



4281065521



4281904502



4283324238



4278228485



4278195969

Inverse Universe

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



4289542313



4292881370



4289542255



4283911766



4288020625



4279697430

Previews

White Background



This preview shows how the Android color 4281904444 looks on a white background.

Color Contrast Check

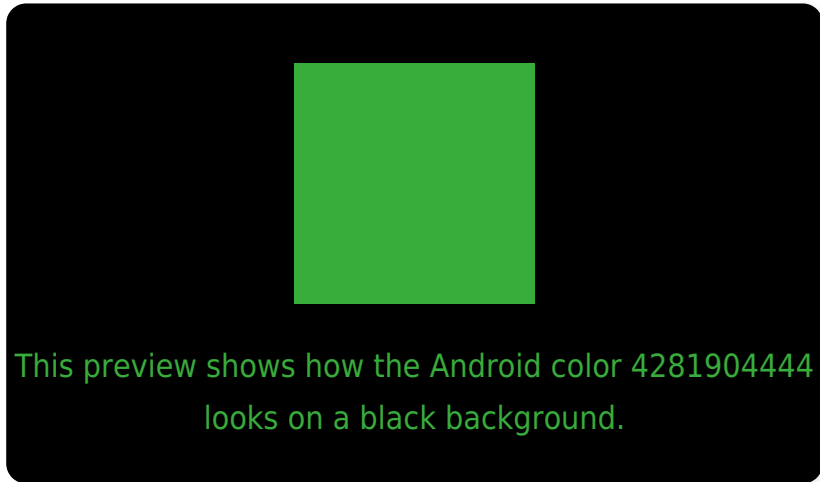
Large Text (above 18pt) WCAG AA × Fail

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 4281904444 Background



This preview shows how black text looks on a background with the Android color 4281904444.



This preview shows how white text looks on a background with the Android color 4281904444.

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
4281904444

Protanopia
4289238582

Deuteranopia
4290350918

Trichromacy



Original Color

4281904444



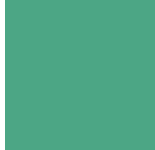
Protanomaly

4286553656



Deuteranomaly

4287273538



Tritanomaly

4283213445

Monochromacy



Original Color

4281904444



Achromatopsia

4286414205



Achromatomaly

4284780133

CSS Examples

Text

The CSS property to change the color of the text to Android 4281904444 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(56, 173, 60)` looks like.

```
.text, #text, p{  
    color:rgb(56, 173, 60)  
}
```

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(56, 173, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 173, 60) }
```

Border

The CSS property to change the border of an element to Android 4281904444 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(56, 173, 60) }
```

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

```
.border{ border-color:rgb(56, 173, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 173, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 173, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 173, 60);  
box-shadow:4px 4px 4px 4px rgb(56, 173,  
60) }
```

Background

The CSS property to change the background color of an element to Android 4281904444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 173, 60) }
```

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

```
.background{ background-color: rgb(56, 173,  
60) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor