

Converting Colors

Android(4280196403)

Have a look what the booklet for
Android(4280196403) contains.

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Color

Android(4280196403)

Conversions

Conversions Part 1

Format	Color
Hex	1E9D33
RGB	30, 157, 51
RGB Percent	12%, 62%, 20%
CMY	0.8824, 0.3843, 0.8000
CMYK	0.81, 0.00, 0.68, 0.38
HSL	130°, 68%, 37%
HSV	130°, 81%, 62%
XYZ	13.1899, 24.6290, 7.1907
YIQ	106.9430, -41.6660, -59.8900

Conversions

Conversions Part 2

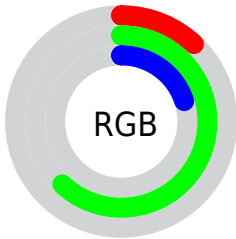
Format	Color
RYB	30, 139, 157
Decimal	2006323
CIELab	56.71, -54.55, 44.52
CIELCh	57, 70.414, 140.778
Yxy	24.6290, 0.2930, 0.5472
Android (android.graphics.Color)	4280196403 (0xFF1E9D33)
YUV	106.9430, -27.5799, -67.4790
Hunter-Lab	49.6276, -39.4069, 26.1486




Details

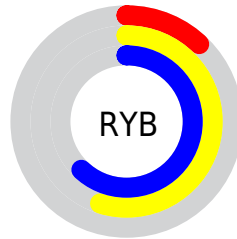
The Android color `4280196403` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4288487048`, and the grayscale version is `4285229931`.




A 20% lighter version of the original color is `4284732774`, and `4278216704` is the 20% darker color. If you saturate the color by 10%, you get `4279147814`, and if you desaturate by 10%, it is `4281244992`.

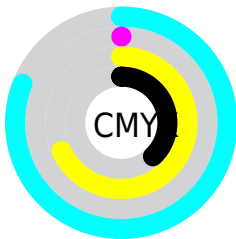
Distribution







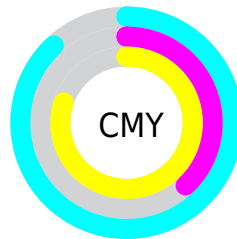
-  Red (12%)
-  Green (62%)
-  Blue (20%)






-  Red (12%)
-  Yellow (55%)
-  Blue (62%)



-  Cyan (81%)
-  Magenta (0%)
-  Yellow (68%)
-  Black (38%)



-  Cyan (88%)
-  Magenta (38%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280196403 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 4280196403 by changing the saturation by 10% instead.

 4280196403

 4280196403

4294967295

 4278223384

 4284732774

 4278216704

 4286640769

 4278210304

 4288544668

 4278204160

 4290510775

 4278198016

 4292411347

 4278190080

 4294377456

 4280196403

 4280196403

 4279147814

 4281244992

■ 4278230298

■ 4282228045

■ 4283276634

■ 4284325223

■ 4285373813

■ 4286356866

■ 4287405455

■ 4288454044

■ 4289437097

Harmonies

Analogous

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



4286288384



4280196403



4278231666

Triad

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



4280196403



4278228479



4294134113

Complementary

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



4280196403



4288487048

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.



4293609374



4280196403



4284121340

Square

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



4280196403



4278231271



4290667223



4292764711

Rectangle

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



4280196403



4278232221



4290667223



4294198389

Sweetspot

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



4280196403



4288400547



4287274270



4282934861



4293322470



4284900966

Same Dimension

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



4280196403



4278635559



4280196465



4282863432



4278226712



4278193923

Inverse Universe

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



4288487048



4291561131



4288486986



4283385678



4287561847



4279173133

Previews

White Background



This preview shows how the Android color 4280196403 looks on a white background.

Color Contrast Check

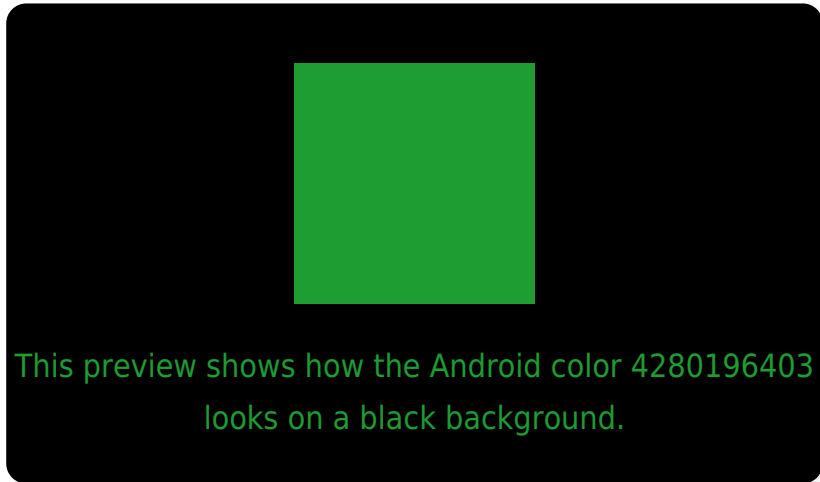
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280196403 Background



This preview shows how black text looks on a background with the Android color 4280196403.



This preview shows how white text looks on a background with the Android color 4280196403.

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
4280196403

Protanopia
4288120621

Deuteranopia
4289167420

Trichromacy



Original Color

4280196403



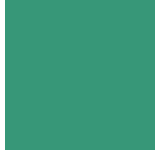
Protanomaly

4285239087



Deuteranomaly

4285893433



Tritanomaly

4281833336

Monochromacy



Original Color

4280196403



Achromatopsia

4285229931



Achromatomaly

4283399511

CSS Examples

Text

The CSS property to change the color of the text to Android 4280196403 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(30, 157, 51)` looks like.

```
.text, #text, p{  
    color:rgb(30, 157, 51)  
}
```

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(30, 157, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 157, 51) }
```

Border

The CSS property to change the border of an element to Android 4280196403 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(30, 157, 51) }
```

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

```
.border{ border-color:rgb(30, 157, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 157, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 157, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 157, 51);  
box-shadow:4px 4px 4px 4px rgb(30, 157,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4280196403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 157, 51) }
```

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

```
.background{ background-color: rgb(30, 157,  
51) }
```

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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