

Converting Colors

Android(4280896818)

Have a look what the booklet for
Android(4280896818) contains.

Android(4280896818)	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(4280896818)

Conversions

Conversions Part 1

Format	Color
Hex	294D32
RGB	41, 77, 50
RGB Percent	16%, 30%, 20%
CMY	0.8392, 0.6980, 0.8039
CMYK	0.47, 0.00, 0.35, 0.70
HSL	135°, 31%, 23%
HSV	135°, 47%, 30%
XYZ	4.1441, 6.0095, 3.9591
YIQ	63.1580, -12.7890, -16.0290

Conversions

Conversions Part 2

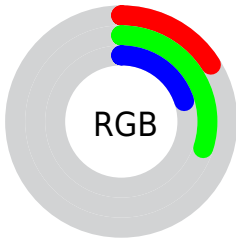
Format	Color
RYB	41, 70, 77
Decimal	2706738
CIELab	29.44, -19.87, 12.08
CIELCh	29, 23.250, 148.697
Yxy	6.0095, 0.2936, 0.4258
Android (android.graphics.Color)	4280896818 (0xFF294D32)
YUV	63.1580, -6.4869, -19.4326
Hunter-Lab	24.5142, -12.7250, 7.5844

Details

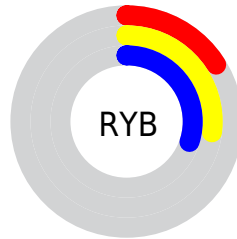
The Android color **4280896818** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4283246916**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4284055136**, and **4278198532** is the 20% darker color. If you saturate the color by 10%, you get **4280372524**, and if you desaturate by 10%, it is **4281421112**.

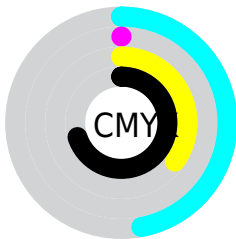
Distribution



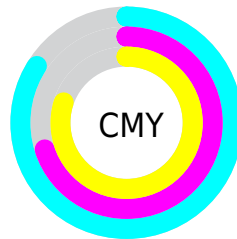
- Red (16%)
- Green (30%)
- Blue (20%)



- Red (16%)
- Yellow (27%)
- Blue (30%)



- Cyan (47%)
- Magenta (0%)
- Yellow (35%)
- Black (70%)



- Cyan (84%)
- Magenta (70%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280896818 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 4280896818 by changing the saturation by 10% instead.



4280896818



4280896818

4294967295



4279383581



4284055136



4278198532



4285700217



4278190080



4287345555



4289122222



4290964425



4292804581



4294639615



4280896818



4280896818

■ 4280372524

■ 4281421112

■ 4279913766

■ 4281879870

■ 4279389473

■ 4282404163

■ 4278865179

■ 4282928457

■ 4278406421

■ 4283452751

■ 4278209811

■ 4283911509

■ 4284435802

■ 4284960096

■ 4285418854

Harmonies

Analogous

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



4282337573



4280896818



4278734660

Triad

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



4280896818



4280764265



4284954677

Complementary

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



4280896818



4283246916

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.



4284888903



4280896818



4282794341

Square

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



4280896818



4278209636



4284168792



4284431911

Rectangle

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



4280896818



4278210384



4284168792



4285019963

Sweetspot

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



4280896818



4283851609



4282666281



4280955692



4289967027



4281545523

Same Dimension

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



4280896818



4281099066



4280896836



4280428067



4278216218



4278249017

Inverse Universe

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



4283246916



4284689494



4283246898



4280689189



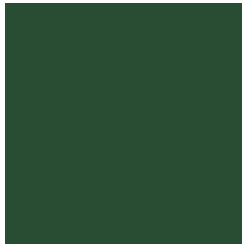
4284874829



4293263532

Previews

White Background



This preview shows how the Android color 4280896818 looks on a white background.

Color Contrast Check

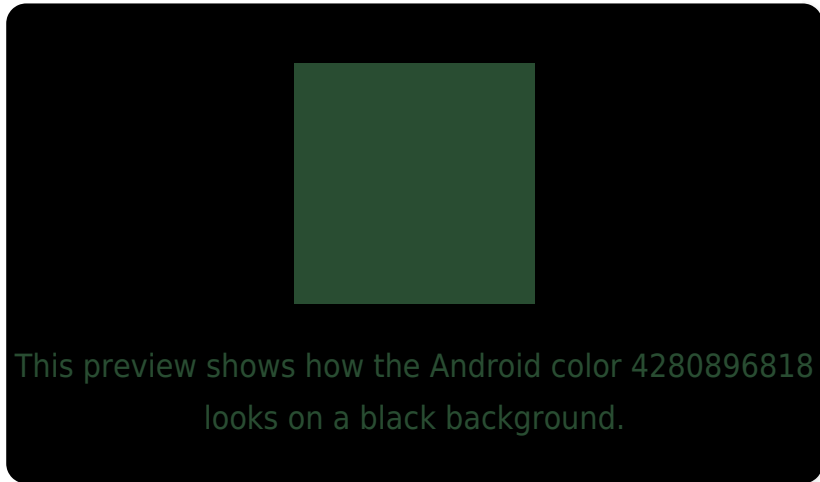
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280896818 Background



This preview shows how black text looks on a background with the Android color 4280896818.



This preview shows how white text looks on a background with the Android color 4280896818.

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

[4280896818](#)

Protanopia

[4283122991](#)

Deuteranopia

[4283515444](#)

Trichromacy



Original Color
4280896818

Protanomaly
4282337328

Deuteranomaly
4282533427

Tritanomaly
4281158212

Monochromacy



Original Color
4280896818

Achromatopsia
4282335039

Achromatomaly
4281812026

CSS Examples

Text

The CSS property to change the color of the text to Android 4280896818 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(41, 77, 50)` looks like.

```
.text, #text, p{  
    color:rgb(41, 77, 50)  
}
```

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(41, 77, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 77, 50) }
```

Border

The CSS property to change the border of an element to Android 4280896818 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(41, 77, 50) }
```

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

```
.border{ border-color:rgb(41, 77, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 77, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 77, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 77, 50);  
box-shadow:4px 4px 4px 4px rgb(41, 77, 50)  
}
```

Background

The CSS property to change the background color of an element to Android 4280896818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 77, 50) }
```

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

```
.background{ background-color: rgb(41, 77,  
50) }
```

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