

Converting Colors

Android(4282681680)

Have a look what the booklet for
Android(4282681680) contains.

Android(4282681680)	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(4282681680)

Conversions

Conversions Part 1

Format	Color
Hex	448950
RGB	68, 137, 80
RGB Percent	27%, 54%, 31%
CMY	0.7333, 0.4627, 0.6863
CMYK	0.50, 0.00, 0.42, 0.46
HSL	130°, 34%, 40%
HSV	130°, 50%, 54%
XYZ	12.7775, 19.6995, 10.7183
YIQ	109.8710, -22.8270, -32.3550

Conversions

Conversions Part 2

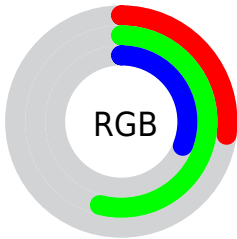
Format	Color
RYB	68, 127, 137
Decimal	4491600
CIELab	51.50, -34.79, 24.03
CIElCh	51, 42.282, 145.373
Yxy	19.6995, 0.2958, 0.4561
Android (android.graphics.Color)	4282681680 (0xFF448950)
YUV	109.8710, -14.7264, -36.7209
Hunter-Lab	44.3841, -26.2846, 16.7509

Details

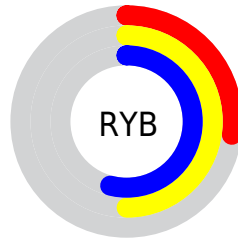
The Android color `4282681680` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287186045`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4286168962`, and `4278670882` is the 20% darker color. If you saturate the color by 10%, you get `4281764165`, and if you desaturate by 10%, it is `4283599195`.

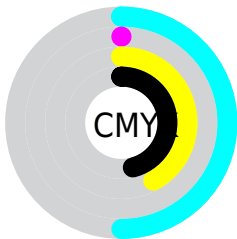
Distribution



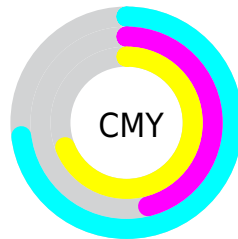
- Red (27%)
- Green (54%)
- Blue (31%)



- Red (27%)
- Yellow (50%)
- Blue (54%)



- Cyan (50%)
- Magenta (0%)
- Yellow (42%)
- Black (46%)



- Cyan (73%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282681680 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 4282681680 by changing the saturation by 10% instead.



4282681680



4282681680

4294967295



4280905528



4286168962



4278670882



4287945628



4278205964



4289722551



4278200320



4291624915



4278192640



4293459951



4278190080



4282681680



4282681680



4281764165



4283599195



4280912185



4284451175

■ 4279994670

■ 4285368690

■ 4279077155

■ 4286286205

■ 4278225176

■ 4287203721

■ 4288055700

■ 4288973215

■ 4289890731

■ 4290742710

Harmonies

Analogous

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



4285628982



4282681680



4278226036

Triad

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



4282681680



4280123587



4290600542

Complementary

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



4282681680



4287186045

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.



4290403458



4282681680



4285821884

Square

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



4282681680



4278225333



4288832932



4289685824

Rectangle

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



4282681680



4278226317



4288832932



4290665577

Sweetspot

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



4282681680



4288197532



4286482756



4282997068



4292467161



4284045657

Same Dimension

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



4282681680



4282889050



4282681714



4282271039



4278224151



4278191361

Inverse Universe

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



4287186045



4289939360



4287186011



4282728004



4286906478



4278517764

Previews

White Background



This preview shows how the Android color 4282681680 looks on a white background.

Color Contrast Check

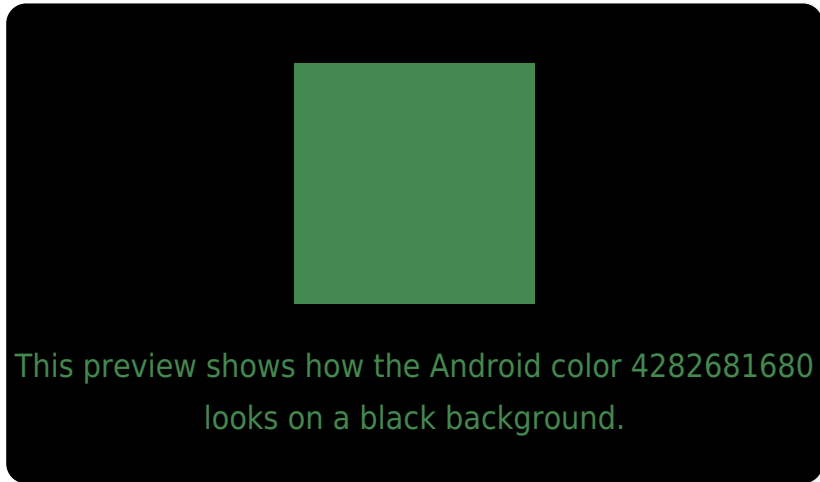
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282681680 Background



This preview shows how black text looks on a background with the Android color 4282681680.



This preview shows how white text looks on a background with the Android color 4282681680.

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
4282681680

Protanopia
4286937674

Deuteranopia
4287788373

Trichromacy



Original Color

4282681680

Protanomaly

4285366092

Deuteranomaly

4285955155

Tritanomaly

4283270518

Monochromacy



Original Color

4282681680

Achromatopsia

4285427310

Achromatomaly

4284446819

CSS Examples

Text

The CSS property to change the color of the text to Android 4282681680 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(68, 137, 80)` looks like.

```
.text, #text, p{  
    color:rgb(68, 137, 80)  
}
```

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(68, 137, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 137, 80) }
```

Border

The CSS property to change the border of an element to Android 4282681680 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(68, 137, 80) }
```

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

```
.border{ border-color:rgb(68, 137, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 137, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 137, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 137, 80);  
box-shadow:4px 4px 4px 4px rgb(68, 137,  
80) }
```

Background

The CSS property to change the background color of an element to Android 4282681680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 137, 80) }
```

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

```
.background{ background-color: rgb(68, 137,  
80) }
```

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