

Converting Colors

Android(4280965447)

Have a look what the booklet for
Android(4280965447) contains.

Android(4280965447)	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(4280965447)

Conversions

Conversions Part 1

Format	Color
Hex	2A5947
RGB	42, 89, 71
RGB Percent	16%, 35%, 28%
CMY	0.8353, 0.6510, 0.7216
CMYK	0.53, 0.00, 0.20, 0.65
HSL	157°, 36%, 26%
HSV	157°, 53%, 35%
XYZ	5.6646, 8.0919, 7.2246
YIQ	72.8950, -22.2340, -15.5620

Conversions

Conversions Part 2

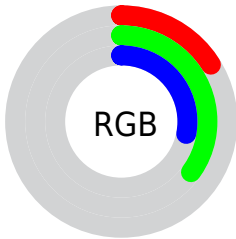
Format	Color
RYB	42, 71, 89
Decimal	2775367
CIELab	34.17, -20.96, 5.54
CIELCh	34, 21.680, 165.200
Yxy	8.0919, 0.2700, 0.3857
Android (android.graphics.Color)	4280965447 (0xFF2A5947)
YUV	72.8950, -0.9342, -27.0949
Hunter-Lab	28.4463, -14.2361, 4.8544




Details

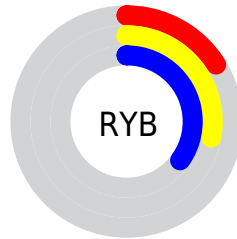
The Android color `4280965447` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284033596`, and the grayscale version is `4282992969`.




A 20% lighter version of the original color is `4284189559`, and `4278201116` is the 20% darker color. If you saturate the color by 10%, you get `4280375620`, and if you desaturate by 10%, it is `4281555274`.

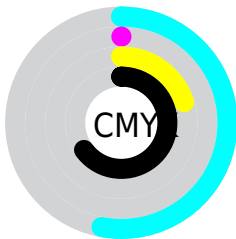
Distribution







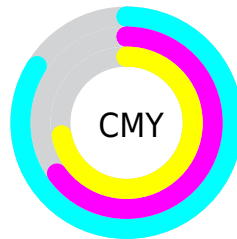
-  Red (16%)
-  Green (35%)
-  Blue (28%)






-  Red (16%)
-  Yellow (28%)
-  Blue (35%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (20%)
-  Black (65%)



-  Cyan (84%)
-  Magenta (65%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280965447 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 4280965447 by changing the saturation by 10% instead.



4280965447



4280965447

4294967295



4279320881



4284189559



4278201116



4285900433



4278195969



4287611308



4278190080



4289387975



4291230435



4293066751



4280965447



4280965447



4280375620



4281555274

■ 4279785792

■ 4282145102

■ 4279195965

■ 4282734929

■ 4278606137

■ 4283324757

■ 4278212919

■ 4283914584

■ 4284438875

■ 4285028703

■ 4285618530

■ 4286208358

Harmonies

Analogous

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



4282406456



4280965447



4279392857

Triad

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



4280965447



4282797937



4285417273

Complementary

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



4280965447



4284033596

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.



4285678408



4280965447



4284303721

Square

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



4280965447



4280898929



4285351002



4284697647

Rectangle

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



4280965447



4278802788



4285351002



4285613373

Sweetspot

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



4280965447



4284511084



4282145066



4281350966



4290427578



4282071867

Same Dimension

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



4280965447



4280972119



4280964185



4280757034



4278217538



4278250385

Inverse Universe

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



4284033596



4285737542



4284034858



4281018153



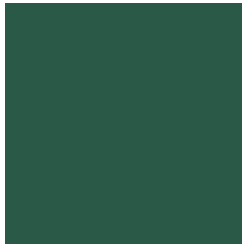
4285202473



4293591130

Previews

White Background



This preview shows how the Android color 4280965447 looks on a white background.

Color Contrast Check

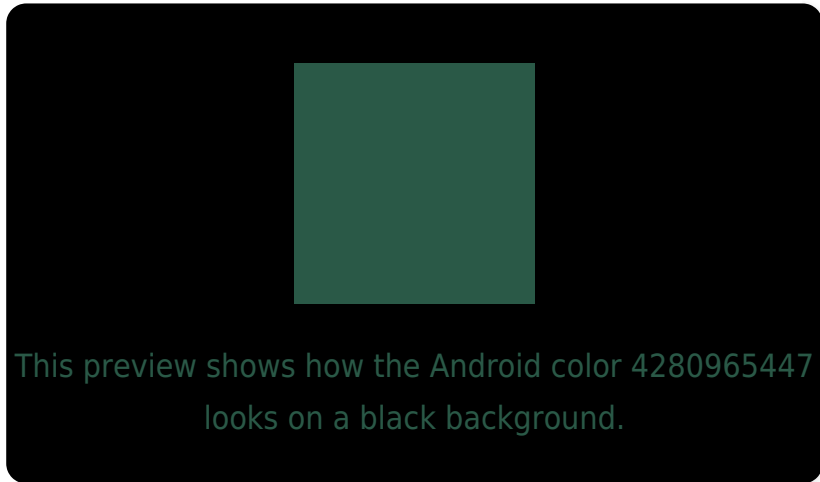
Large Text (above 18pt) WCAG AA ✓ Pass

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

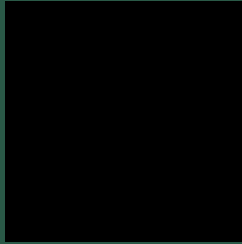
Any Text WCAG AA × Fail

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 4280965447 Background



This preview shows how black text looks on a background with the Android color 4280965447.



This preview shows how white text looks on a background with the Android color 4280965447.

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

4280965447

Protanopia

4283781186

Deuteranopia

4284108106

Trichromacy



Original Color

4280965447

Protanomaly

4282733380

Deuteranomaly

4282995017

Tritanomaly

4281227093

Monochromacy



Original Color

4280965447

Achromatopsia

4282992969

Achromatomaly

4282273608

CSS Examples

Text

The CSS property to change the color of the text to Android 4280965447 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(42, 89, 71)` looks like.

```
.text, #text, p{  
    color:rgb(42, 89, 71)  
}
```

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(42, 89, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 89, 71) }
```

Border

The CSS property to change the border of an element to Android 4280965447 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(42, 89, 71) }
```

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

```
.border{ border-color:rgb(42, 89, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 89, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 89, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 89, 71);  
box-shadow:4px 4px 4px 4px rgb(42, 89, 71)  
}
```

Background

The CSS property to change the background color of an element to Android 4280965447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 89, 71) }
```

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

```
.background{ background-color: rgb(42, 89,  
71) }
```

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