

Converting Colors

Android(4283529303)

Have a look what the booklet for
Android(4283529303) contains.

Android(4283529303)	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(4283529303)

Conversions

Conversions Part 1

Format	Color
Hex	517857
RGB	81, 120, 87
RGB Percent	32%, 47%, 34%
CMY	0.6824, 0.5294, 0.6588
CMYK	0.33, 0.00, 0.27, 0.53
HSL	129°, 19%, 39%
HSV	129°, 32%, 47%
XYZ	11.8301, 15.8704, 11.4566
YIQ	104.5770, -12.6510, -18.5310

Conversions

Conversions Part 2

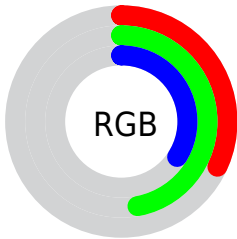
Format	Color
R_{YB}	81, 115, 120
Decimal	5339223
CIE _{Lab}	46.80, -21.06, 13.86
CIE _{LCh}	47, 25.216, 146.649
Yxy	15.8704, 0.3021, 0.4053
Android (android.graphics.Color)	4283529303 (0xFF517857)
YUV	104.5770, -8.6655, -20.6770
Hunter-Lab	39.8377, -16.7089, 10.8356

Details

The Android color `4283529303` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4286075250`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4286885257`, and `4280436521` is the 20% darker color. If you saturate the color by 10%, you get `4282742861`, and if you desaturate by 10%, it is `4284315745`.

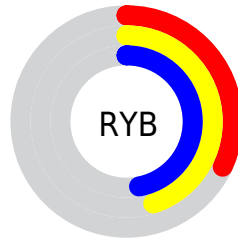
Distribution



Red (32%)

Green (47%)

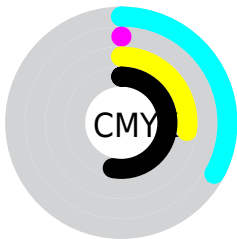
Blue (34%)



Red (32%)

Yellow (45%)

Blue (47%)

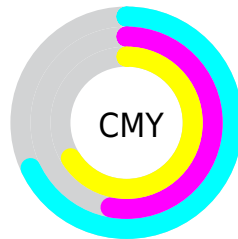


Cyan (33%)

Magenta (0%)

Yellow (27%)

Black (53%)



Cyan (68%)

Magenta (53%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283529303 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 4283529303 by changing the saturation by 10% instead.



4283529303



4283529303

4294967295



4281950016



4286885257



4280436521



4288596131



4278857749



4290372798



4278197504



4292214746



4278190080



4294115319



4283529303



4283529303



4282742861



4284315745



4281956419



4285102187

■ 4281169977

■ 4285888629

■ 4280383534

■ 4286675072

■ 4279597092

■ 4287461514

■ 4278810650

■ 4288247956

■ 4278220818

■ 4289034398

■ 4289820840

■ 4290607282

Harmonies

Analogous

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



4285166408



4283529303



4281825900

Triad

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



4283529303



4283331225



4288176221

Complementary

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



4283529303



4286075250

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.



4288044914



4283529303



4285426325

Square

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



4283529303



4281169810



4287128454



4287653452

Rectangle

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



4283529303



4280777338



4287128454



4288241508

Sweetspot

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



4283529303



4287405198



4285691985



4282797895



4291809231



4283387727

Same Dimension

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



4283529303



4284456040



4283529322



4281810232



4278222099



4278254631

Inverse Universe

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



4286075250



4288438162



4286075231



4282201916



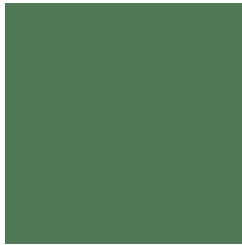
4286382186



4294705366

Previews

White Background



This preview shows how the Android color 4283529303 looks on a white background.

Color Contrast Check

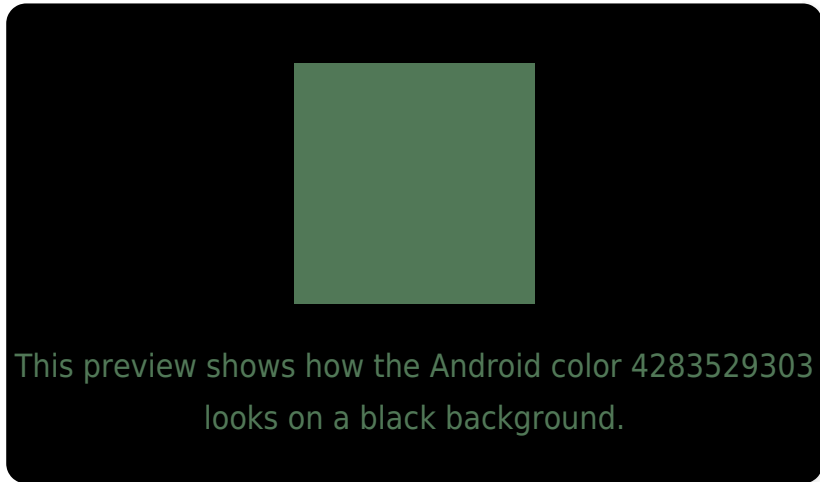
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

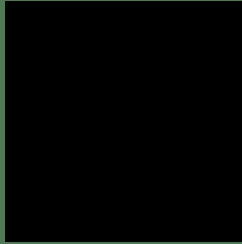
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4283529303 Background



This preview shows how black text looks on a background with the Android color 4283529303.



This preview shows how white text looks on a background with the Android color 4283529303.

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
4283529303

Protanopia
4285951571

Deuteranopia
4286605914

Trichromacy



Original Color
4283529303

Protanomaly
4285100628

Deuteranomaly
4285493081

Tritanomaly
4283790703

Monochromacy



Original Color
4283529303

Achromatopsia
4285098345

Achromatomaly
4284509794

CSS Examples

Text

The CSS property to change the color of the text to Android 4283529303 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(81, 120, 87)` looks like.

```
.text, #text, p{  
    color:rgb(81, 120, 87)  
}
```

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(81, 120, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 120, 87) }
```

Border

The CSS property to change the border of an element to Android 4283529303 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(81, 120, 87) }
```

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

```
.border{ border-color:rgb(81, 120, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 120, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 120, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 120, 87);  
box-shadow:4px 4px 4px 4px rgb(81, 120,  
87) }
```

Background

The CSS property to change the background color of an element to Android 4283529303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 120, 87) }
```

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

```
.background{ background-color: rgb(81, 120,  
87) }
```

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