

Converting Colors

Android(4283335841)

Have a look what the booklet for
Android(4283335841) contains.

Android(4283335841)	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(4283335841)

Conversions

Conversions Part 1

Format	Color
Hex	4E84A1
RGB	78, 132, 161
RGB Percent	31%, 52%, 63%
CMY	0.6941, 0.4824, 0.3686
CMYK	0.52, 0.18, 0.00, 0.37
HSL	201°, 35%, 47%
HSV	201°, 52%, 63%
XYZ	17.8262, 20.6954, 36.7733
YIQ	119.1600, -41.4930, -2.4290

Conversions

Conversions Part 2

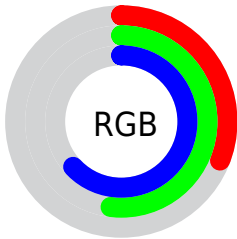
Format	Color
R_{YB}	78, 111, 161
Decimal	5145761
CIE _{Lab}	52.61, -9.55, -20.98
CIE _{LCh}	53, 23.049, 245.529
Y _{xy}	20.6954, 0.2368, 0.2749
Android (android.graphics.Color)	4283335841 (0xFF4E84A1)
YUV	119.1600, 20.6271, -36.0973
Hunter-Lab	45.4922, -9.6660, -16.0820

Details

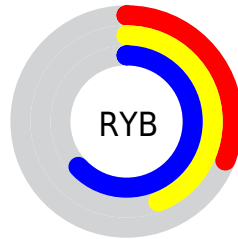
The Android color `4283335841` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4288768846`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4286888408`, and `4279391085` is the 20% darker color. If you saturate the color by 10%, you get `4282285729`, and if you desaturate by 10%, it is `4284385953`.

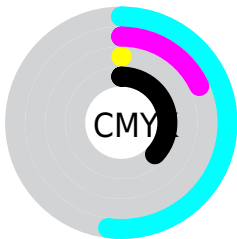
Distribution



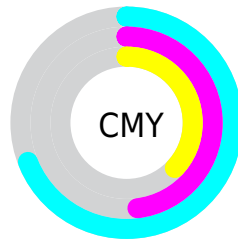
- Red (31%)
- Green (52%)
- Blue (63%)



- Red (31%)
- Yellow (44%)
- Blue (63%)



- Cyan (52%)
- Magenta (18%)
- Yellow (0%)
- Black (37%)



- Cyan (69%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283335841 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 4283335841 by changing the saturation by 10% instead.



4283335841



4283335841

4294967295



4281494407



4286888408



4279391085



4288730612



4278205525



4290572799



4278199870



4292476927



4278194728



4294377471



4278190354



4278190080



4283335841



4283335841



4282285729



4284385953

■ 4281235873

■ 4285435809

■ 4280185761

■ 4286485921

■ 4279135649

■ 4287536033

■ 4278217121

■ 4288651425

■ 4289701537

■ 4290751393

■ 4291801505

■ 4292851617

Harmonies

Analogous

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



4282419348



4283335841



4285103781

Triad

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



4283335841



4288966523



4285694813

Complementary

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



4283335841



4288768846

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.



4287135062



4283335841



4288967016

Square

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



4283335841



4288311694



4288247642



4284188525

Rectangle

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



4283335841



4286347937



4288247642



4286218841

Sweetspot

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



4283335841



4289906385



4283343210



4283851369



4293454056



4285098345

Same Dimension

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



4283335841



4283409617



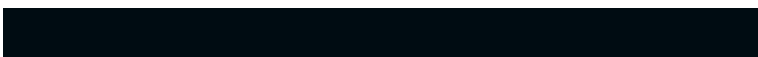
4283325601



4282994514



4278214545



4278193170

Inverse Universe

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



4288761476



4291907492



4288779086



4283582799



4287692895



4279369740

Previews

White Background



This preview shows how the Android color 4283335841 looks on a white background.

Color Contrast Check

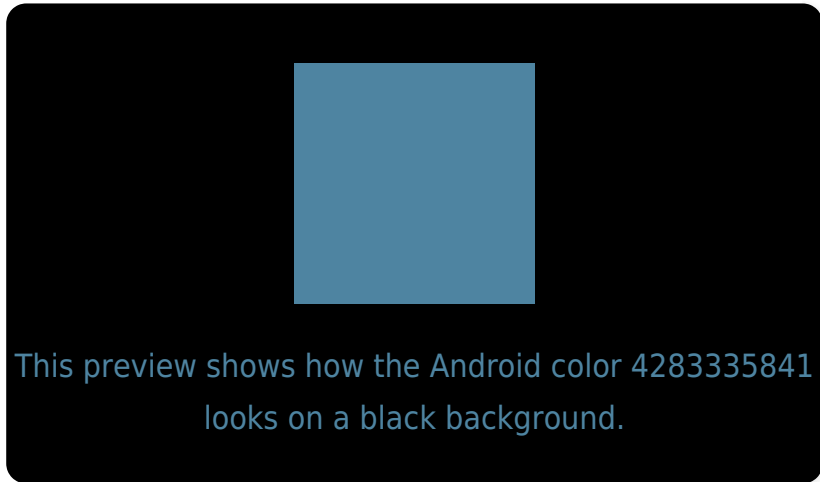
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283335841 Background



This preview shows how black text looks on a background with the Android color 4283335841.



This preview shows how white text looks on a background with the Android color 4283335841.

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
4283335841

Protanopia
4285955227

Deuteranopia
4285889443

Trichromacy



Original Color
4283335841

Protanomaly
4284972957

Deuteranomaly
4284972706

Tritanomaly
4283139735

Monochromacy



Original Color
4283335841

Achromatopsia
4286019447

Achromatomaly
4285037702

CSS Examples

Text

The CSS property to change the color of the text to Android 4283335841 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(78, 132, 161)` looks like.

```
.text, #text, p{  
    color:rgb(78, 132, 161)  
}
```

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(78, 132, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 132, 161) }
```

Border

The CSS property to change the border of an element to Android 4283335841 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(78, 132, 161) }
```

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

```
.border{ border-color:rgb(78, 132, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 132, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 132, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 132, 161);  
box-shadow:4px 4px 4px 4px rgb(78, 132,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4283335841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 132, 161) }
```

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

```
.background{ background-color: rgb(78, 132,  
161) }
```

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