

Converting Colors

Android(4283200131)

Have a look what the booklet for
Android(4283200131) contains.

Android(4283200131)	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(4283200131)

Conversions

Conversions Part 1

Format	Color
Hex	4C7283
RGB	76, 114, 131
RGB Percent	30%, 45%, 51%
CMY	0.7020, 0.5529, 0.4863
CMYK	0.42, 0.13, 0.00, 0.49
HSL	199°, 27%, 41%
HSV	199°, 42%, 51%
XYZ	13.0945, 15.2098, 23.7184
YIQ	104.5760, -28.1050, -2.7690

Conversions

Conversions Part 2

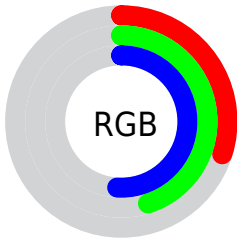
Format	Color
R_{YB}	76, 98, 131
Decimal	5010051
CIE _{Lab}	45.92, -8.66, -13.58
CIE _{LCh}	46, 16.106, 237.475
Yxy	15.2098, 0.2517, 0.2924
Android (android.graphics.Color)	4283200131 (0xFF4C7283)
YUV	104.5760, 13.0270, -25.0612
Hunter-Lab	38.9998, -8.3165, -8.7584

Details

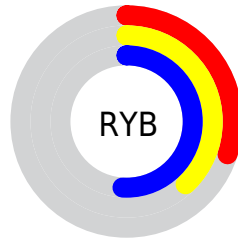
The Android color `4283200131` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286799180`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4286555832`, and `4279845458` is the 20% darker color. If you saturate the color by 10%, you get `4282347139`, and if you desaturate by 10%, it is `4284053123`.

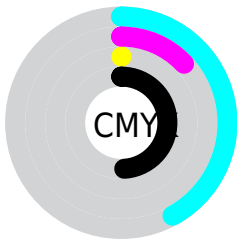
Distribution



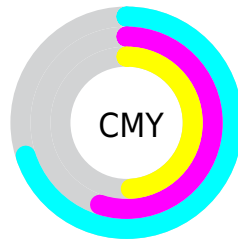
- Red (30%)
- Green (45%)
- Blue (51%)



- Red (30%)
- Yellow (38%)
- Blue (51%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (49%)



- Cyan (70%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283200131 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 4283200131 by changing the saturation by 10% instead.



4283200131



4283200131

4294967295



4281555306



4286555832



4279845458



4288332244



4278201403



4290174448



4278196261



4292016639



4278190351



4293853183



4278190080



4283200131



4283200131



4282347139



4284053123



4281494147



4284906115

■ 4280641155

■ 4285759107

■ 4279788163

■ 4286612099

■ 4278869635

■ 4287530627

■ 4278213507

■ 4288383619

■ 4289236611

■ 4290089603

■ 4290942595

Harmonies

Analogous

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



4282872953



4283200131



4284182151

Triad

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



4283200131



4287062894



4285165653

Complementary

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



4283200131



4286799180

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.



4286081874



4283200131



4287128673

Square

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



4283200131



4286408059



4286801751



4284117854

Rectangle

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



4283200131



4284967814



4286801751



4285492819

Sweetspot

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



4283200131



4287997099



4283204445



4282995287



4292269782



4283914071

Same Dimension

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



4283200131



4283797675



4283193219



4282138690



4278213250



4278190595

Inverse Universe

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



4286794866



4289418640



4286806092



4282530880



4286709850



4278386690

Previews

White Background



This preview shows how the Android color 4283200131 looks on a white background.

Color Contrast Check

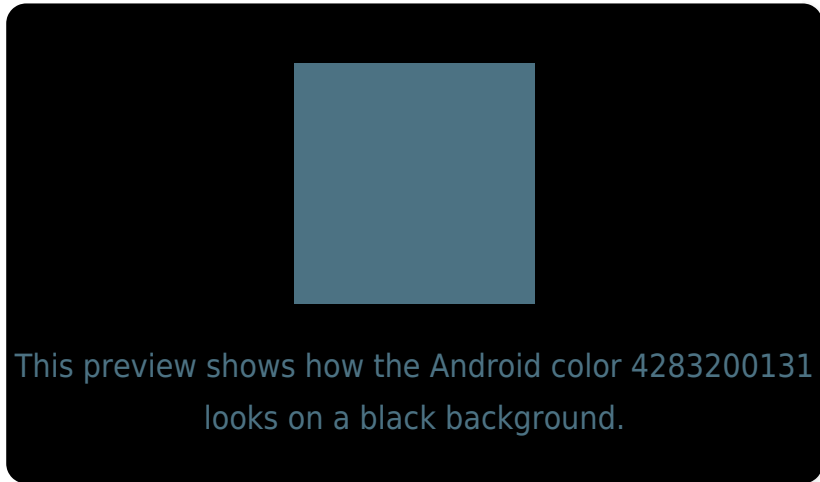
Large Text (above 18pt) WCAG AA ✓ Pass

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

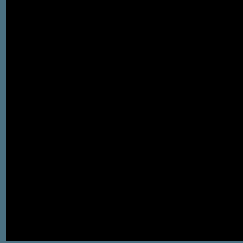
Any Text WCAG AA × Fail

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 4283200131 Background



This preview shows how black text looks on a background with the Android color 4283200131.



This preview shows how white text looks on a background with the Android color 4283200131.

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

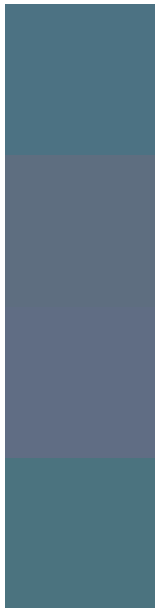


Original Color
4283200131

Protanopia
4285098879

Deuteranopia
4285229701

Trichromacy



Original Color
4283200131

Protanomaly
4284378752

Deuteranomaly
4284509572

Tritanomaly
4283134847

Monochromacy



Original Color
4283200131

Achromatopsia
4285098345

Achromatomaly
4284378226

CSS Examples

Text

The CSS property to change the color of the text to Android 4283200131 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(76, 114, 131)` looks like.

```
.text, #text, p{  
    color:rgb(76, 114, 131)  
}
```

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(76, 114, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 114, 131) }
```

Border

The CSS property to change the border of an element to Android 4283200131 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(76, 114, 131) }
```

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

```
.border{ border-color:rgb(76, 114, 131) }
```

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

Here you see how a box with a 4 pixel rgb(76, 114, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 114, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 114, 131);  
box-shadow:4px 4px 4px 4px rgb(76, 114,  
131) }
```

Background

The CSS property to change the background color of an element to Android 4283200131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 114, 131) }
```

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

```
.background{ background-color: rgb(76, 114,  
131) }
```

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