

Converting Colors

Android(4283201614)

Have a look what the booklet for
Android(4283201614) contains.

Android(4283201614)	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(4283201614)

Conversions

Conversions Part 1

Format	Color
Hex	4C784E
RGB	76, 120, 78
RGB Percent	30%, 47%, 31%
CMY	0.7020, 0.5294, 0.6941
CMYK	0.37, 0.00, 0.35, 0.53
HSL	123°, 22%, 38%
HSV	123°, 37%, 47%
XYZ	11.0721, 15.5195, 9.6197
YIQ	102.0560, -12.7420, -22.3900

Conversions

Conversions Part 2

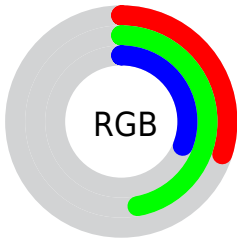
Format	Color
RYB	76, 118, 120
Decimal	5011534
CIELab	46.34, -24.50, 18.40
CIElCh	46, 30.644, 143.094
Yxy	15.5195, 0.3058, 0.4286
Android (android.graphics.Color)	4283201614 (0xFF4C784E)
YUV	102.0560, -11.8596, -22.8511
Hunter-Lab	39.3948, -18.7726, 13.0985

Details

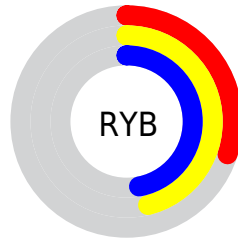
The Android color `4283201614` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4286073974`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4286557567`, and `4280043297` is the 20% darker color. If you saturate the color by 10%, you get `4282415171`, and if you desaturate by 10%, it is `4283988057`.

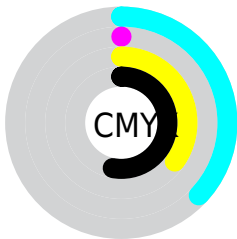
Distribution



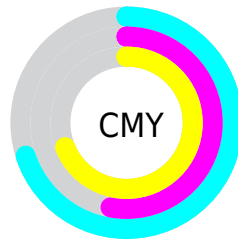
- Red (30%)
- Green (47%)
- Blue (31%)



- Red (30%)
- Yellow (46%)
- Blue (47%)



- Cyan (37%)
- Magenta (0%)
- Yellow (35%)
- Black (53%)



- Cyan (70%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283201614 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 4283201614 by changing the saturation by 10% instead.



4283201614



4283201614

4294967295



4281622327



4286557567



4280043297



4288268441



4278333451



4290045108



4278197504



4291887056



4278190080



4293787628



4283201614



4283201614



4282415171



4283988057



4281628727



4284774501

 4280842284

 4285560944

 4280055840

 4286347388

 4279269397

 4287133831

 4278482953

 4287920275

 4278220805

 4288706718

 4289493162

 4290279605

Harmonies

Analogous

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



4285166141



4283201614



4280646503

Triad

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



4283201614



4282020512



4288633435

Complementary

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



4283201614



4286073974

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.



4288371317



4283201614



4285032861

Square

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



4283201614



4278220950



4287127693



4288045382

Rectangle

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



4283201614



4278221689



4287127693



4288633187

Sweetspot

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



4283201614



4287274123



4286019660



4282732357



4291809231



4283387727

Same Dimension

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



4283201614



4283931738



4283201635



4281810231



4278222086



4278254603

Inverse Universe

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



4286073974



4288436120



4286073953



4282201917



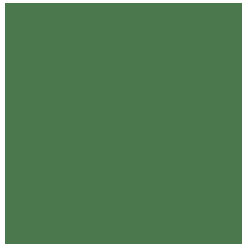
4286382199



4294705393

Previews

White Background



This preview shows how the Android color 4283201614 looks on a white background.

Color Contrast Check

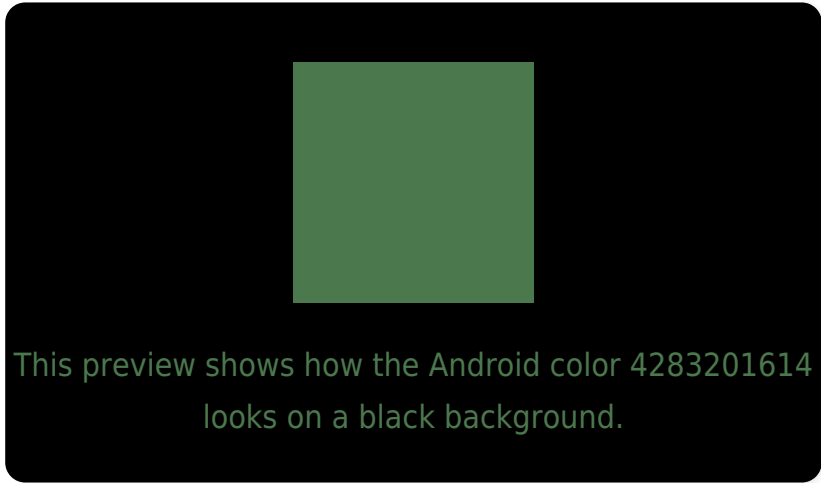
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283201614 Background



This preview shows how black text looks on a background with the Android color 4283201614.



This preview shows how white text looks on a background with the Android color 4283201614.

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
4283201614

Protanopia
4285951306

Deuteranopia
4286671185

Trichromacy



Original Color
4283201614

Protanomaly
4284969291

Deuteranomaly
4285427280

Tritanomaly
4283593835

Monochromacy



Original Color
4283201614

Achromatopsia
4284900966

Achromatomaly
4284312925

CSS Examples

Text

The CSS property to change the color of the text to Android 4283201614 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, 120, 78)` looks like.

```
.text, #text, p{  
    color:rgb(76, 120, 78)  
}
```

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, 120, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 120, 78) }
```

Border

The CSS property to change the border of an element to Android 4283201614 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, 120, 78) }
```

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

```
.border{ border-color:rgb(76, 120, 78) }
```

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

Here you see how a box with a 4 pixel rgb(76, 120, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 120, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 120, 78);  
box-shadow:4px 4px 4px 4px rgb(76, 120,  
78) }
```

Background

The CSS property to change the background color of an element to Android 4283201614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 120, 78) }
```

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

```
.background{ background-color: rgb(76, 120,  
78) }
```

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