

Converting Colors

Android(4285014817)

Have a look what the booklet for
Android(4285014817) contains.

Android(4285014817)	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(4285014817)

Conversions

Conversions Part 1

Format	Color
Hex	682321
RGB	104, 35, 33
RGB Percent	41%, 14%, 13%
CMY	0.5922, 0.8627, 0.8706
CMYK	0.00, 0.66, 0.68, 0.59
HSL	2°, 52%, 27%
HSV	2°, 68%, 41%
XYZ	6.5845, 4.2549, 1.9131
YIQ	55.4030, 41.7660, 14.0060

Conversions

Conversions Part 2

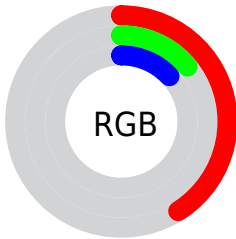
Format	Color
R_{YB}	104, 35, 33
Decimal	6824737
CIE Lab	24.50, 30.80, 17.83
CIE LCh	24, 35.584, 30.067
Yxy	4.2549, 0.5163, 0.3337
Android (android.graphics.Color)	4285014817 (0xFF682321)
YUV	55.4030, -11.0447, 42.6196
Hunter-Lab	20.6275, 20.8807, 8.9404

Details

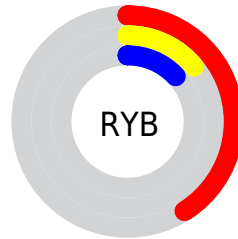
The Android color **4285014817** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4280378984**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4288631629**, and **4281597952** is the 20% darker color. If you saturate the color by 10%, you get **4285012247**, and if you desaturate by 10%, it is **4285017387**.

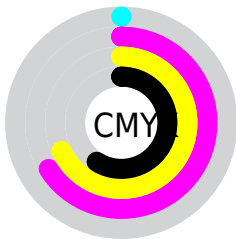
Distribution



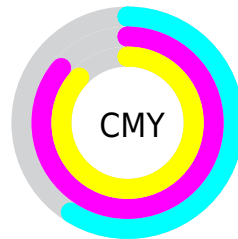
- Red (41%)
- Green (14%)
- Blue (13%)



- Red (41%)
- Yellow (14%)
- Blue (13%)



- Cyan (0%)
- Magenta (66%)
- Yellow (68%)
- Black (59%)



- Cyan (59%)
- Magenta (86%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285014817 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 4285014817 by changing the saturation by 10% instead.



4285014817



4285014817

4294967295



4283238667



4288631629



4281597952



4290538597



4279304192



4292445822



4278190080



4294418840



4294950067



4294957262



4294964715



4285014817



4285014817

■ 4285012247

■ 4285017387

■ 4285009676

■ 4285019958

■ 4285007106

■ 4285022528

■ 4285006592

■ 4285025099

■ 4285027925

■ 4285030495

■ 4285033066

■ 4285035636

■ 4285038207

Harmonies

Analogous

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



4285079355



4285014817



4284231177

Triad

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



4285014817



4278207774



4278205808

Complementary

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



4285014817



4280378984

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.



4278207592



4285014817



4278208057

Square

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



4285014817



4281090053



4278208084



4281938793

Rectangle

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



4285014817



4283381248



4278208084



4278206575

Sweetspot

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



4285014817



4287065452



4285014375



4282725684



4291085508



4282729797

Same Dimension

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



4285014817



4287044376



4285023777



4281544238



4285727488



4294051584

Inverse Universe

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



4280378984



4279796871



4280370024



4281217843



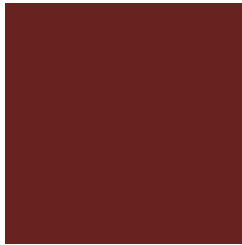
4278218867



4278250482

Previews

White Background



This preview shows how the Android color 4285014817 looks on a white background.

Color Contrast Check

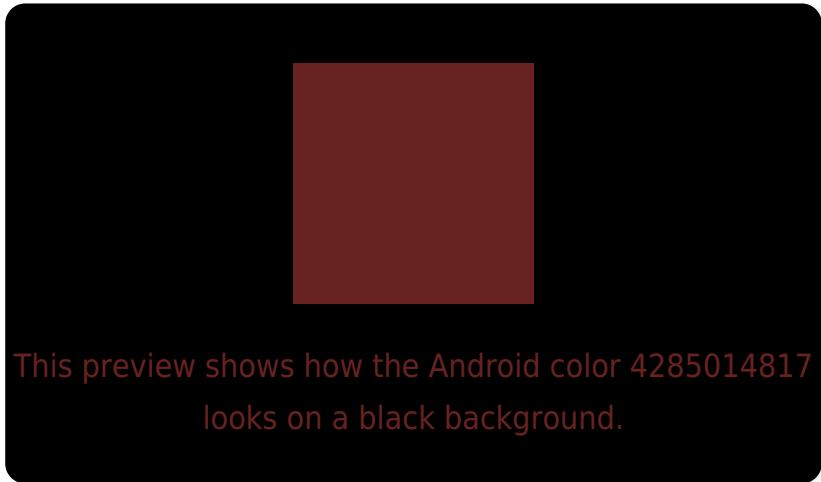
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285014817 Background



This preview shows how black text looks on a background with the Android color 4285014817.

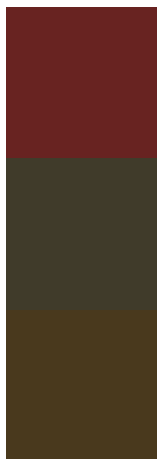


This preview shows how white text looks on a background with the Android color 4285014817.

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
4285014817

Protanopia
4282399530

Deuteranopia
4282988829

Trichromacy



Original Color

4285014817

Protanomaly

4283380263

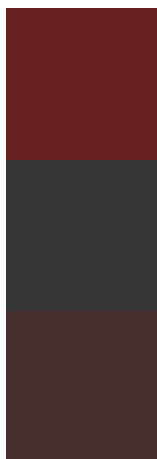
Deuteranomaly

4283707678

Tritanomaly

4285014563

Monochromacy



Original Color

4285014817

Achromatopsia

4281808695

Achromatomaly

4282986543

CSS Examples

Text

The CSS property to change the color of the text to Android 4285014817 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(104, 35, 33)` looks like.

```
.text, #text, p{  
    color:rgb(104, 35, 33)  
}
```

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(104, 35, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 35, 33) }
```

Border

The CSS property to change the border of an element to Android 4285014817 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(104, 35, 33) }
```

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

```
.border{ border-color:rgb(104, 35, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 35, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 35, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 35, 33);  
box-shadow:4px 4px 4px 4px rgb(104, 35,  
33) }
```

Background

The CSS property to change the background color of an element to Android 4285014817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 35, 33) }
```

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

```
.background{ background-color: rgb(104, 35,  
33) }
```

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