

Converting Colors

Android(4283644981)

Have a look what the booklet for
Android(4283644981) contains.

| | |
|--|----|
| Android(4283644981) | 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(4283644981)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 533C35 |
| RGB | 83, 60, 53 |
| RGB Percent | 33%, 24%, 21% |
| CMY | 0.6745, 0.7647, 0.7922 |
| CMYK | 0.00, 0.28, 0.36, 0.67 |
| HSL | 14°, 22%, 27% |
| HSV | 14°, 36%, 33% |
| XYZ | 5.8257, 5.3278, 4.0895 |
| YIQ | 66.0790, 15.9550, 2.6990 |

Conversions

Conversions Part 2

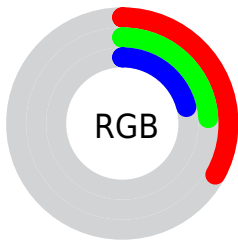
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 83, 62, 53 |
| Decimal | 5454901 |
| CIE _{Lab} | 27.65, 9.00, 8.28 |
| CIE _{LCh} | 28, 12.227, 42.615 |
| Yxy | 5.3278, 0.3822, 0.3495 |
| Android (android.graphics.Color) | 4283644981 (0xFF533C35) |
| YUV | 66.0790, -6.4479, 14.8397 |
| Hunter-Lab | 23.0819, 4.6589, 5.6528 |

Details

The Android color **4283644981** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4281683027**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4286933860**, and **4280619528** is the 20% darker color. If you saturate the color by 10%, you get **4283643437**, and if you desaturate by 10%, it is **4283646525**.

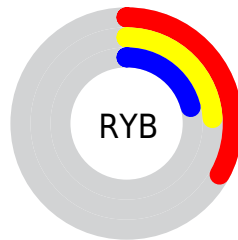
Distribution



Red (33%)

Green (24%)

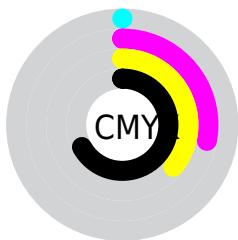
Blue (21%)



Red (33%)

Yellow (24%)

Blue (21%)

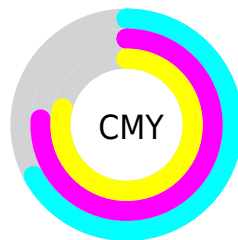


Cyan (0%)

Magenta (28%)

Yellow (36%)

Black (67%)



Cyan (67%)

Magenta (76%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283644981 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 4283644981 by changing the saturation by 10% instead.



4283644981



4283644981

4294967295



4282066464



4286933860



4280619528



4288710012



4278190080



4290486166



4292328113



4294170060



4294963945



4283644981



4283644981



4283643437



4283646525

■ 4283641636

■ 4283648326

■ 4283640092

■ 4283649870

■ 4283638548

■ 4283651414

■ 4283636747

■ 4283653214

■ 4283635203

■ 4283654759

■ 4283634432

■ 4283656559

■ 4283658103

■ 4283659648

Harmonies

Analogous

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



4283710270



4283644981



4283252528

Triad

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



4283644981



4281288251



4282073427

Complementary

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



4283644981



4281683027

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.



4281287763



4283644981



4280829765

Square

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



4283644981



4282008883



4280763982



4282924623

Rectangle

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



4283644981



4282859823



4280763982



4281811540

Sweetspot

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



4283644981



4285227615



4283643212



4281741359



4290098613



4281742902

Same Dimension

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



4283644981



4285220925



4283648565



4280886821



4285077504



4293408256

Inverse Universe

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



4281683027



4282212459



4281679187



4280625193



4278210665



4278235880

Previews

White Background



This preview shows how the Android color 4283644981 looks on a white background.

Color Contrast Check

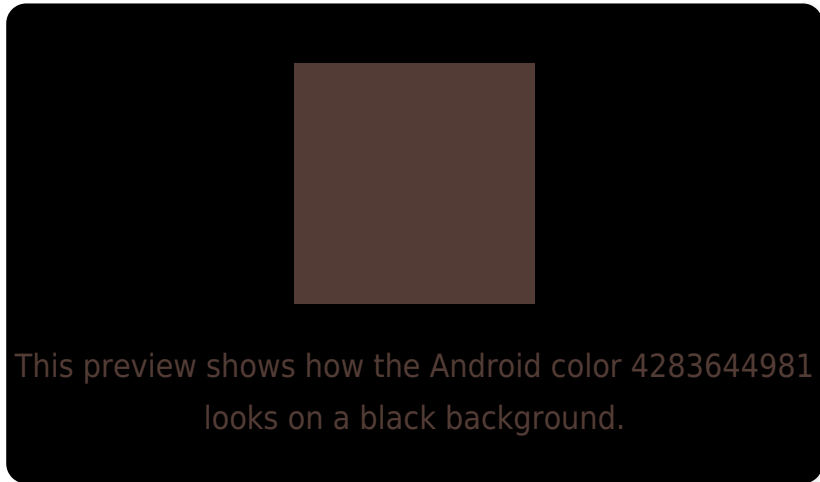
Large Text (above 18pt) WCAG AA ✓ Pass

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

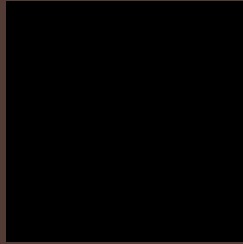
Any Text WCAG AA × Fail

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 4283644981 Background



This preview shows how black text looks on a background with the Android color 4283644981.

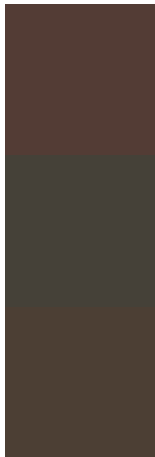


This preview shows how white text looks on a background with the Android color 4283644981.

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
4283644981

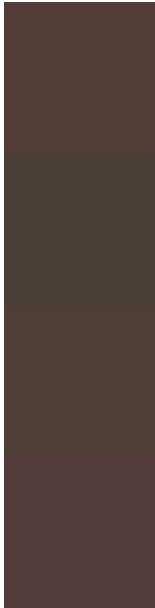
Protanopia
4282728760

Deuteranopia
4283186996



Tritanopia
4283710271

Trichromacy



Original Color

4283644981

Protanomaly

4283055927

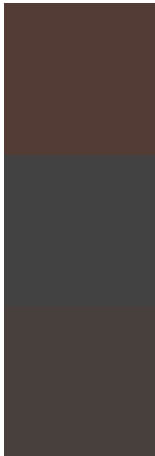
Deuteranomaly

4283383348

Tritanomaly

4283710267

Monochromacy



Original Color

4283644981

Achromatopsia

4282532418

Achromatomaly

4282925117

CSS Examples

Text

The CSS property to change the color of the text to Android 4283644981 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(83, 60, 53)` looks like.

```
.text, #text, p{  
    color:rgb(83, 60, 53)  
}
```

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(83, 60, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 60, 53) }
```

Border

The CSS property to change the border of an element to Android 4283644981 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(83, 60, 53) }
```

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

```
.border{ border-color:rgb(83, 60, 53) }
```

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

Here you see how a box with a 4 pixel rgb(83, 60, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 60, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 60, 53);  
box-shadow:4px 4px 4px 4px rgb(83, 60, 53)  
}
```

Background

The CSS property to change the background color of an element to Android 4283644981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 60, 53) }
```

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

```
.background{ background-color: rgb(83, 60,  
53) }
```

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