

Converting Colors

Android(4283854896)

Have a look what the booklet for
Android(4283854896) contains.

Android(4283854896)	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(4283854896)

Conversions

Conversions Part 1

Format	Color
Hex	567030
RGB	86, 112, 48
RGB Percent	34%, 44%, 19%
CMY	0.6627, 0.5608, 0.8118
CMYK	0.23, 0.00, 0.57, 0.56
HSL	84°, 40%, 31%
HSV	84°, 57%, 44%
XYZ	10.1654, 13.7802, 4.9204
YIQ	96.9300, 5.0480, -25.4160

Conversions

Conversions Part 2

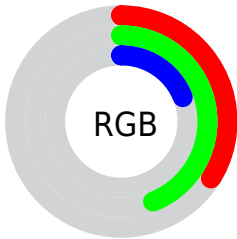
Format	Color
RYB	48, 112, 74
Decimal	5664816
CIELab	43.92, -20.92, 32.07
CIELCh	44, 38.287, 123.123
Yxy	13.7802, 0.3522, 0.4774
Android (android.graphics.Color)	4283854896 (0xFF567030)
YUV	96.9300, -24.1225, -9.5856
Hunter-Lab	37.1217, -16.0823, 18.1264

Details

The Android color `4283854896` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4283052144`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4287210592`, and `4280696832` is the 20% darker color. If you saturate the color by 10%, you get `4283527205`, and if you desaturate by 10%, it is `4284182587`.

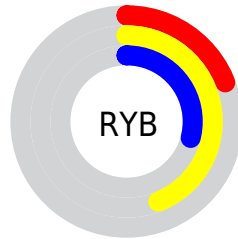
Distribution



Red (34%)

Green (44%)

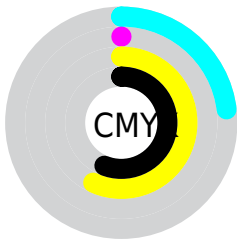
Blue (19%)



Red (19%)

Yellow (44%)

Blue (29%)

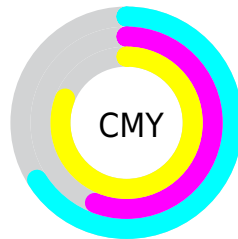


Cyan (23%)

Magenta (0%)

Yellow (57%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283854896 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 4283854896 by changing the saturation by 10% instead.



4283854896



4283854896

4294967295



4282210073



4287210592



4280696832



4288987002



4279183872



4290829204



4278195712



4292671407



4278190080



4294574026



4294967271



4283854896



4283854896



4283527205



4284182587

■ 4283265050

■ 4284444742

■ 4282937358

■ 4284772434

■ 4282675203

■ 4285034589

■ 4282609664

■ 4285362280

■ 4285624435

■ 4285952126

■ 4286214282

■ 4286541973

Harmonies

Analogous

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



4286015269



4283854896



4280907082

Triad

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



4283854896



4278219680



4288826470

Complementary

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



4283854896



4283052144

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.



4287713925



4283854896



4281428647

Square

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



4283854896



4278220682



4285423261



4288696647

Rectangle

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



4283854896



4278220639



4285423261



4288564592

Sweetspot

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



4283854896



4287074681



4285549104



4282665531



4291414473



4283058762

Same Dimension

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



4283854896



4285108525



4281757744



4281743410



4282873856



4287887104

Inverse Universe

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



4283052144



4283837841



4285149296



4281676344



4281401464



4284743927

Previews

White Background



This preview shows how the Android color 4283854896 looks on a white background.

Color Contrast Check

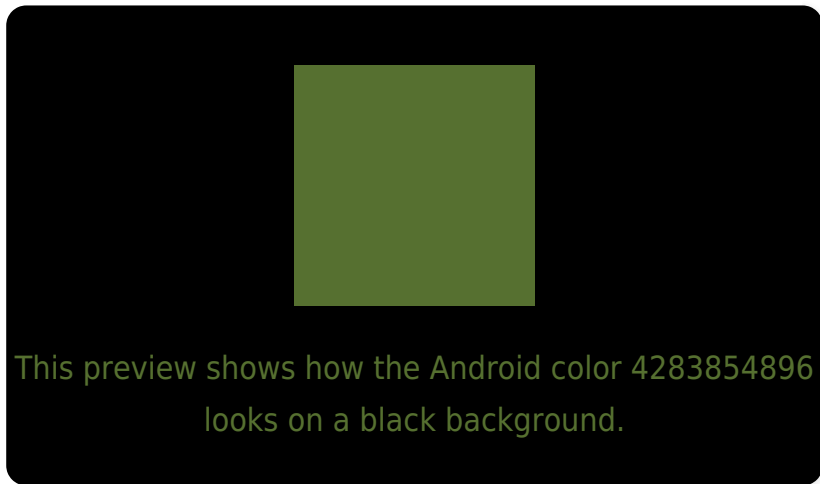
Large Text (above 18pt) WCAG AA ✓ Pass

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

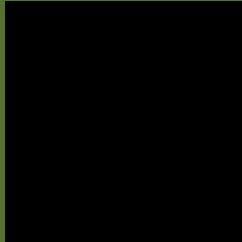
Any Text WCAG AA × Fail

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 4283854896 Background



This preview shows how black text looks on a background with the Android color 4283854896.



This preview shows how white text looks on a background with the Android color 4283854896.

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

4283854896

Protanopia

4285753389

Deuteranopia

4286538548

Trichromacy



Original Color
4283854896

Protanomaly
4285033262

Deuteranomaly
4285556787

Tritanomaly
4284247130

Monochromacy



Original Color
4283854896

Achromatopsia
4284572001

Achromatomaly
4284311119

CSS Examples

Text

The CSS property to change the color of the text to Android 4283854896 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(86, 112, 48)` looks like.

```
.text, #text, p{  
    color:rgb(86, 112, 48)  
}
```

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(86, 112, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 112, 48) }
```

Border

The CSS property to change the border of an element to Android 4283854896 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(86, 112, 48) }
```

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

```
.border{ border-color:rgb(86, 112, 48) }
```

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

Here you see how a box with a 4 pixel rgb(86, 112, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 112, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 112, 48);  
box-shadow:4px 4px 4px 4px rgb(86, 112,  
48) }
```

Background

The CSS property to change the background color of an element to Android 4283854896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 112, 48) }
```

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

```
.background{ background-color: rgb(86, 112,  
48) }
```

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