

Converting Colors

Android(4283003486)

Have a look what the booklet for
Android(4283003486) contains.

Android(4283003486)	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(4283003486)

Conversions

Conversions Part 1

Format	Color
Hex	49725E
RGB	73, 114, 94
RGB Percent	29%, 45%, 37%
CMY	0.7137, 0.5529, 0.6314
CMYK	0.36, 0.00, 0.18, 0.55
HSL	151°, 22%, 37%
HSV	151°, 36%, 45%
XYZ	10.7853, 14.2592, 12.7735
YIQ	99.4610, -18.0160, -14.9120

Conversions

Conversions Part 2

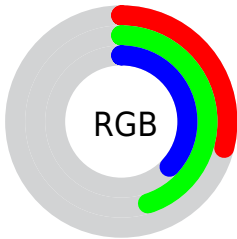
Format	Color
RYB	73, 100, 114
Decimal	4813406
CIELab	44.60, -19.15, 6.58
CIELCh	45, 20.250, 161.038
Yxy	14.2592, 0.2852, 0.3770
Android (android.graphics.Color)	4283003486 (0xFF49725E)
YUV	99.4610, -2.6923, -23.2063
Hunter-Lab	37.7614, -15.0996, 6.3770

Details

The Android color `4283003486` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285679965`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4286293648`, and `4279910960` is the 20% darker color. If you saturate the color by 10%, you get `4282282584`, and if you desaturate by 10%, it is `4283724388`.

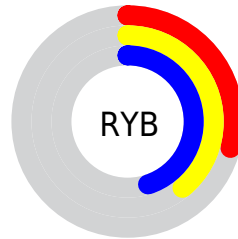
Distribution



Red (29%)

Green (45%)

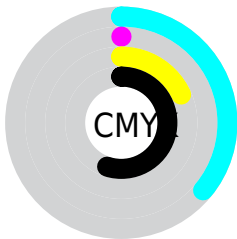
Blue (37%)



Red (29%)

Yellow (39%)

Blue (45%)

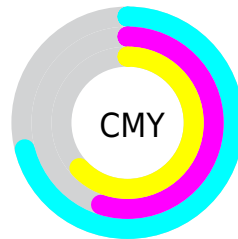


Cyan (36%)

Magenta (0%)

Yellow (18%)

Black (55%)



Cyan (71%)

Magenta (55%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283003486 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 4283003486 by changing the saturation by 10% instead.



4283003486



4283003486

4294967295



4281424198



4286293648



4279910960



4288004523



4278266651



4289781190



4278196480



4291623650



4278190080



4293525503



4283003486



4283003486



4282282584



4283724388



4281496147



4284510825

■ 4280775245

■ 4285231727

■ 4279988808

■ 4286018164

■ 4279267906

■ 4286739066

■ 4278547005

■ 4287459967

■ 4278219322

■ 4288246405

■ 4288967306

■ 4289753744

Harmonies

Analogous

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



4284247888



4283003486



4281955183

Triad

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



4283003486



4284311946



4287193172

Complementary

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



4283003486



4285679965

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.



4287323492



4283003486



4285817731

Square

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



4283003486



4282740361



4286865013



4286539082

Rectangle

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



4283003486



4281692794



4286865013



4287323737

Sweetspot

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



4283003486



4286878860



4284379721



4282403397



4291414473



4283058762

Same Dimension

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



4283003486



4283733109



4283003506



4281481269



4278220861



4278253439

Inverse Universe

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



4285679965



4287911027



4285679945



4281872949



4286054458



4294377593

Previews

White Background



This preview shows how the Android color 4283003486 looks on a white background.

Color Contrast Check

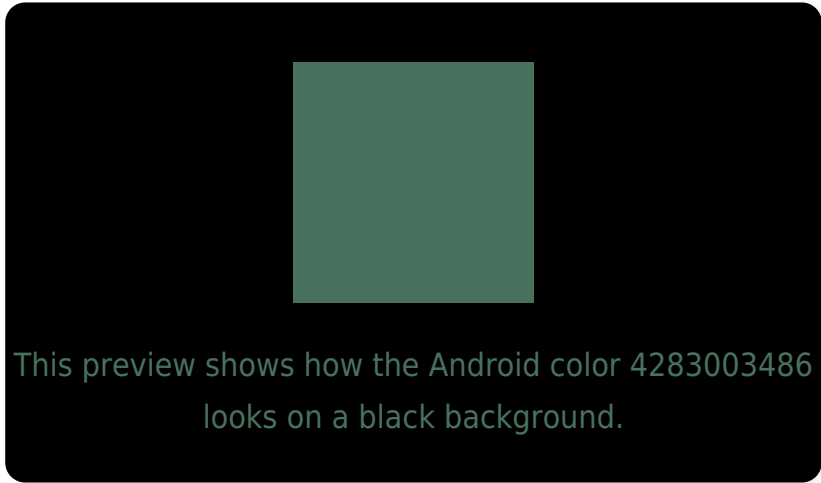
Large Text (above 18pt) WCAG AA ✓ Pass

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

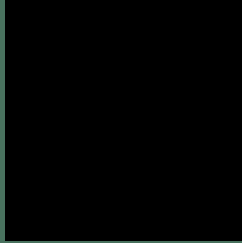
Any Text WCAG AA × Fail

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 4283003486 Background



This preview shows how black text looks on a background with the Android color 4283003486.



This preview shows how white text looks on a background with the Android color 4283003486.

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

4283003486

Protanopia

4285491545

Deuteranopia

4285949281

Trichromacy



Original Color
4283003486

Protanomaly
4284574811

Deuteranomaly
4284901984

Tritanomaly
4283264878

Monochromacy



Original Color
4283003486

Achromatopsia
4284703587

Achromatomaly
4284115041

CSS Examples

Text

The CSS property to change the color of the text to Android 4283003486 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(73, 114, 94)` looks like.

```
.text, #text, p{  
    color:rgb(73, 114, 94)  
}
```

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(73, 114, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 114, 94) }
```

Border

The CSS property to change the border of an element to Android 4283003486 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(73, 114, 94) }
```

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

```
.border{ border-color:rgb(73, 114, 94) }
```

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

Here you see how a box with a 4 pixel rgb(73, 114, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 114, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 114, 94);  
box-shadow:4px 4px 4px 4px rgb(73, 114,  
94) }
```

Background

The CSS property to change the background color of an element to Android 4283003486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 114, 94) }
```

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

```
.background{ background-color: rgb(73, 114,  
94) }
```

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