

Converting Colors

Android(4283333476)

Have a look what the booklet for
Android(4283333476) contains.

Android(4283333476)	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(4283333476)

Conversions

Conversions Part 1

Format	Color
Hex	4E7B64
RGB	78, 123, 100
RGB Percent	31%, 48%, 39%
CMY	0.6941, 0.5176, 0.6078
CMYK	0.37, 0.00, 0.19, 0.52
HSL	149°, 22%, 39%
HSV	149°, 37%, 48%
XYZ	12.5251, 16.7057, 14.6210
YIQ	106.9230, -19.4370, -16.6930

Conversions

Conversions Part 2

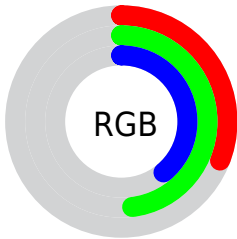
Format	Color
R_{YB}	78, 108, 123
Decimal	5143396
CIE _{Lab}	47.89, -20.94, 7.73
CIE _{LCh}	48, 22.319, 159.725
Yxy	16.7057, 0.2856, 0.3810
Android (android.graphics.Color)	4283333476 (0xFF4E7B64)
YUV	106.9230, -3.4130, -25.3655
Hunter-Lab	40.8726, -16.8272, 7.4016

Details

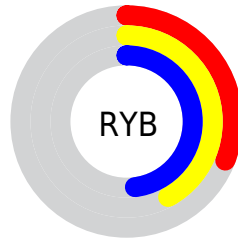
The Android color `4283333476` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286271077`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4286689431`, and `4280175157` is the 20% darker color. If you saturate the color by 10%, you get `4282547038`, and if you desaturate by 10%, it is `4284119914`.

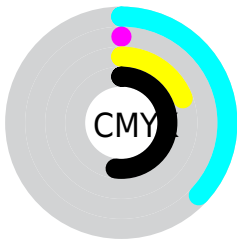
Distribution



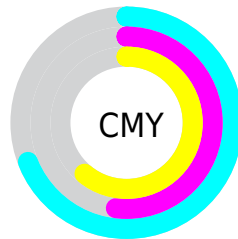
- Red (31%)
- Green (48%)
- Blue (39%)



- Red (31%)
- Yellow (42%)
- Blue (48%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (52%)



- Cyan (69%)
- Magenta (52%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283333476 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 4283333476 by changing the saturation by 10% instead.



4283333476



4283333476

4294967295



4281754188



4286689431



4280175157



4288400306



4278465312



4290176973



4278198025



4292018153



4278190080



4293918719



4283333476



4283333476



4282547038



4284119914



4281695063



4284971889

■ 4280908625

■ 4285758327

■ 4280122187

■ 4286544765

■ 4279335749

■ 4287396739

■ 4278483774

■ 4288183178

■ 4278221628

■ 4288969616

■ 4289756054

■ 4290608029

Harmonies

Analogous

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



4284774484



4283333476



4282088567

Triad

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



4283333476



4284641686



4287981146

Complementary

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



4283333476



4286271077

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.



4288111724



4283333476



4286344079

Square

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



4283333476



4282873748



4287587711



4287261775

Rectangle

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



4283333476



4281695364



4287587711



4288111968

Sweetspot

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



4283333476



4287603096



4284840782



4282864204



4291940817



4283585106

Same Dimension

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



4283333476



4284129661



4283333498



4281810234



4278222141



4278254715

Inverse Universe

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



4286271077



4288764542



4286271055



4282201914



4286382144



4294705281

Previews

White Background



This preview shows how the Android color 4283333476 looks on a white background.

Color Contrast Check

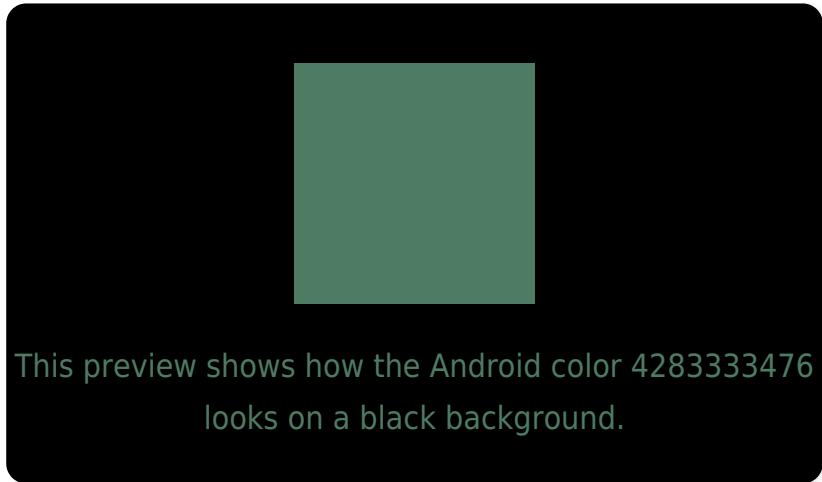
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283333476 Background



This preview shows how black text looks on a background with the Android color 4283333476.



This preview shows how white text looks on a background with the Android color 4283333476.

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

4283333476

Protanopia

4286017887

Deuteranopia

4286606695

Trichromacy



Original Color

4283333476

Protanomaly

4285035873

Deuteranomaly

4285428326

Tritanomaly

4283594870

Monochromacy



Original Color

4283333476

Achromatopsia

4285229931

Achromatomaly

4284510568

CSS Examples

Text

The CSS property to change the color of the text to Android 4283333476 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(78, 123, 100)` looks like.

```
.text, #text, p{  
    color:rgb(78, 123, 100)  
}
```

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(78, 123, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 123, 100) }
```

Border

The CSS property to change the border of an element to Android 4283333476 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(78, 123, 100) }
```

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

```
.border{ border-color:rgb(78, 123, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 123, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 123, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 123, 100);  
box-shadow:4px 4px 4px 4px rgb(78, 123,  
100) }
```

Background

The CSS property to change the background color of an element to Android 4283333476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 123, 100) }
```

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

```
.background{ background-color: rgb(78, 123,  
100) }
```

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