

Converting Colors

Android(4283467643)

Have a look what the booklet for
Android(4283467643) contains.

Android(4283467643)	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(4283467643)

Conversions

Conversions Part 1

Format	Color
Hex	50877B
RGB	80, 135, 123
RGB Percent	31%, 53%, 48%
CMY	0.6863, 0.4706, 0.5176
CMYK	0.41, 0.00, 0.09, 0.47
HSL	167°, 26%, 42%
HSV	167°, 41%, 53%
XYZ	15.5474, 20.4635, 21.8693
YIQ	117.1870, -28.9280, -15.3920

Conversions

Conversions Part 2

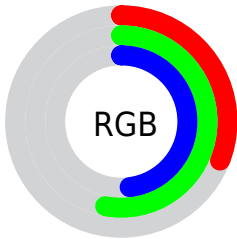
Format	Color
RYB	80, 111, 135
Decimal	5277563
CIELab	52.36, -21.19, 0.73
CIELCh	52, 21.207, 178.025
Yxy	20.4635, 0.2686, 0.3535
Android (android.graphics.Color)	4283467643 (0xFF50877B)
YUV	117.1870, 2.8658, -32.6130
Hunter-Lab	45.2366, -17.8152, 3.0023

Details

The Android color `4283467643` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4287058012`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4286889391`, and `4280112458` is the 20% darker color. If you saturate the color by 10%, you get `4282550136`, and if you desaturate by 10%, it is `4284385150`.

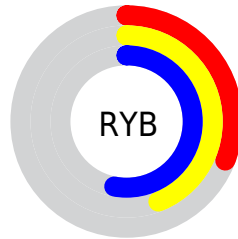
Distribution



Red (31%)

Green (53%)

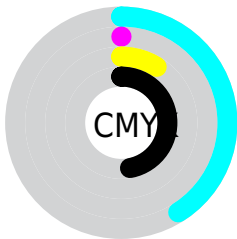
Blue (48%)



Red (31%)

Yellow (44%)

Blue (53%)

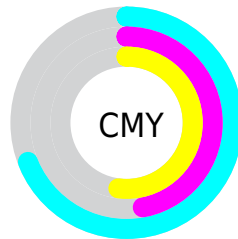


Cyan (41%)

Magenta (0%)

Yellow (9%)

Black (47%)



Cyan (69%)

Magenta (47%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283467643 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 4283467643 by changing the saturation by 10% instead.



4283467643



4283467643

4294967295



4281822562



4286889391



4280112458



4288665803



4278205748



4290442727



4278200095



4292345855



4278194182



4294246399



4278190080



4283467643



4283467643



4282550136



4284385150



4281698165



4285237121

■ 4280780658

■ 4286089092

■ 4279928687

■ 4287006599

■ 4279011180

■ 4287858570

■ 4278224746

■ 4288776077

■ 4289693584

■ 4290545555

■ 4291463062

Harmonies

Analogous

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



4284712297



4283467643



4282812301

Triad

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



4283467643



4286478749



4288312671

Complementary

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



4283467643



4287058012

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.



4288770413



4283467643



4287853456

Square

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



4283467643



4284776353



4288639103



4287331161

Rectangle

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



4283467643



4283008407



4288639103



4288508771

Sweetspot

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



4283467643



4288393387



4284319568



4283259223



4292467161



4284045657

Same Dimension

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



4283467643



4284133533



4283463815



4282139201



4278223462



4278190850

Inverse Universe

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



4287058012



4289747565



4287061840



4282530877



4286709788



4278386689

Previews

White Background



This preview shows how the Android color 4283467643 looks on a white background.

Color Contrast Check

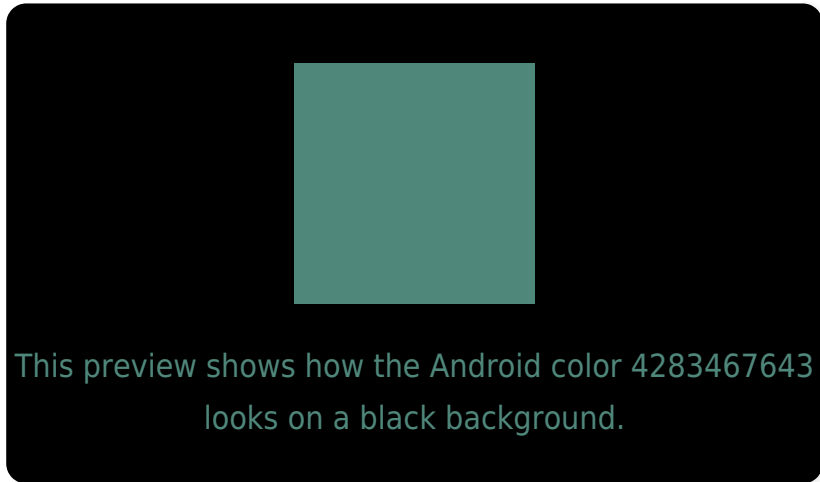
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4283467643 Background



This preview shows how black text looks on a background with the Android color 4283467643.

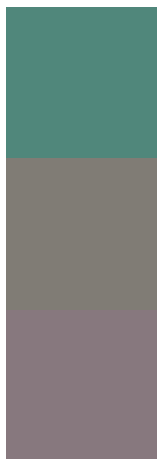


This preview shows how white text looks on a background with the Android color 4283467643.

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

4283467643

Protanopia

4286610549

Deuteranopia

4287068286

Trichromacy



Original Color
4283467643

Protanomaly
4285497463

Deuteranomaly
4285758845

Tritanomaly
4283663752

Monochromacy



Original Color
4283467643

Achromatopsia
4285887861

Achromatomaly
4285037687

CSS Examples

Text

The CSS property to change the color of the text to Android 4283467643 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(80, 135, 123)` looks like.

```
.text, #text, p{  
    color:rgb(80, 135, 123)  
}
```

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(80, 135, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 135, 123) }
```

Border

The CSS property to change the border of an element to Android 4283467643 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(80, 135, 123) }
```

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

```
.border{ border-color:rgb(80, 135, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 135, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 135, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 135, 123);  
box-shadow:4px 4px 4px 4px rgb(80, 135,  
123) }
```

Background

The CSS property to change the background color of an element to Android 4283467643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 135, 123) }
```

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

```
.background{ background-color: rgb(80, 135,  
123) }
```

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