

Converting Colors

Android(4283674252)

Have a look what the booklet for
Android(4283674252) contains.

Android(4283674252)	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(4283674252)

Conversions

Conversions Part 1

Format	Color
Hex	53AE8C
RGB	83, 174, 140
RGB Percent	33%, 68%, 55%
CMY	0.6745, 0.3176, 0.4510
CMYK	0.52, 0.00, 0.20, 0.32
HSL	158°, 36%, 50%
HSV	158°, 52%, 68%
XYZ	23.4370, 34.0046, 30.1392
YIQ	142.9150, -43.3220, -29.8660

Conversions

Conversions Part 2

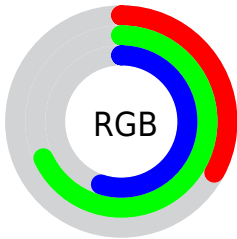
Format	Color
RYB	83, 139, 174
Decimal	5484172
CIELab	64.97, -35.45, 9.25
CIELCh	65, 36.641, 165.371
Yxy	34.0046, 0.2676, 0.3883
Android (android.graphics.Color)	4283674252 (0xFF53AE8C)
YUV	142.9150, -1.4371, -52.5455
Hunter-Lab	58.3134, -30.3069, 10.1754

Details

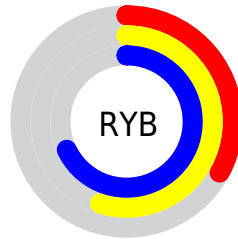
The Android color `4283674252` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4289614709`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4287358658`, and `4279466330` is the 20% darker color. If you saturate the color by 10%, you get `4282560133`, and if you desaturate by 10%, it is `4284788371`.

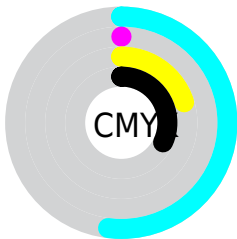
Distribution



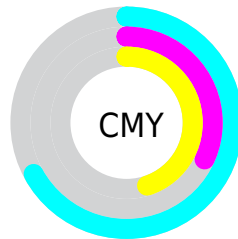
- Red (33%)
- Green (68%)
- Blue (55%)



- Red (33%)
- Yellow (55%)
- Blue (68%)



- Cyan (52%)
- Magenta (0%)
- Yellow (20%)
- Black (32%)



- Cyan (67%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283674252 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 4283674252 by changing the saturation by 10% instead.



4283674252



4283674252

4294967295



4281766770



4287358658



4279466330



4289200093



4278214722



4291035130



4278208300



4292935679



4278202392

4294901759



4278196736



4278190080



4283674252



4283674252



4282560133



4284788371

 4281380479

 4285968025

 4280266360

 4287082144

 4279086706

 4288261798

 4278234733

 4289375917

 4290490035

 4291669690

 4292783808

 4293963463

Harmonies

Analogous

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



4286425454



4283674252



4280070062

Triad

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



4283674252



4287208413



4292250480

Complementary

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



4283674252



4289614709

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.



4292773006



4283674252



4290219980

Square

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



4283674252



4283475676



4292052655



4290877022

Rectangle

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



4283674252



4278234819



4292052655



4292577401

Sweetspot

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



4283674252



4290765781



4285967955



4284314475



4294111986



4285756275

Same Dimension

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



4283674252



4283753390



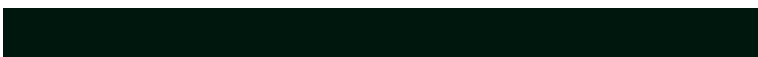
4283671470



4283324243



4278228574



4278195982

Inverse Universe

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



4289614709



4293088393



4289617491



4283911761



4288020536



4279697417

Previews

White Background



This preview shows how the Android color 4283674252 looks on a white background.

Color Contrast Check

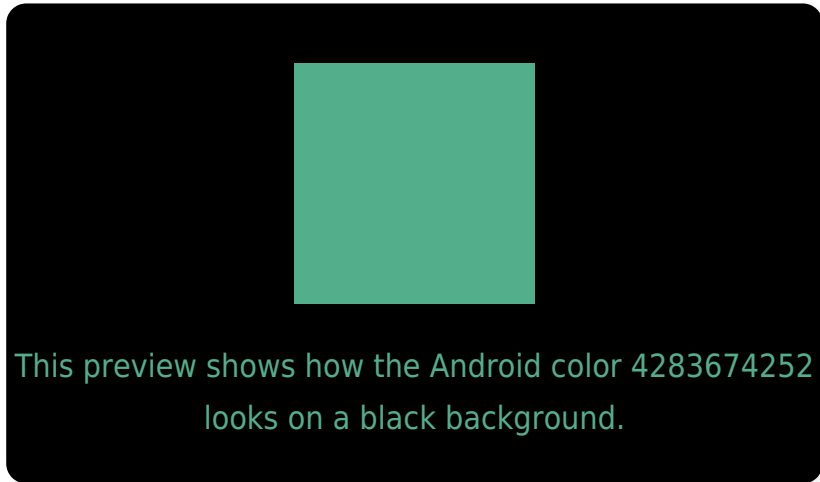
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Android 4283674252 Background



This preview shows how black text looks on a background with the Android color 4283674252.



This preview shows how white text looks on a background with the Android color 4283674252.

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



Trichromacy



Original Color

4283674252



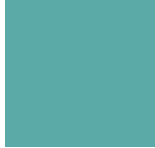
Protanomaly

4287079302



Deuteranomaly

4287537039



Tritanomaly

4284197543

Monochromacy



Original Color

4283674252



Achromatopsia

4287598479



Achromatomaly

4286159502

CSS Examples

Text

The CSS property to change the color of the text to Android 4283674252 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, 174, 140)` looks like.

```
.text, #text, p{  
    color:rgb(83, 174, 140)  
}
```

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, 174, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 174, 140) }
```

Border

The CSS property to change the border of an element to Android 4283674252 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, 174, 140) }
```

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

```
.border{ border-color:rgb(83, 174, 140) }
```

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

Here you see how a box with a 4 pixel rgb(83, 174, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 174, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 174, 140);  
box-shadow:4px 4px 4px 4px rgb(83, 174,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4283674252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 174, 140) }
```

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

```
.background{ background-color: rgb(83, 174,  
140) }
```

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