

Converting Colors

Android(4283666055)

Have a look what the booklet for
Android(4283666055) contains.

Android(4283666055)	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(4283666055)

Conversions

Conversions Part 1

Format	Color
Hex	538E87
RGB	83, 142, 135
RGB Percent	33%, 56%, 53%
CMY	0.6745, 0.4431, 0.4706
CMYK	0.42, 0.00, 0.05, 0.44
HSL	173°, 26%, 44%
HSV	173°, 42%, 56%
XYZ	17.6135, 22.9343, 26.4201
YIQ	123.5610, -32.9170, -14.6850

Conversions

Conversions Part 2

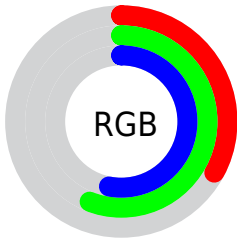
Format	Color
R_{YB}	83, 114, 142
Decimal	5475975
CIE _{Lab}	55.00, -20.99, -2.32
CIE _{LCh}	55, 21.121, 186.314
Y _{xy}	22.9343, 0.2630, 0.3425
Android (android.graphics.Color)	4283666055 (0xFF538E87)
YUV	123.5610, 5.6394, -35.5720
Hunter-Lab	47.8897, -18.1562, 0.8134

Details

The Android color `4283666055` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4287517530`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4287153340`, and `4280179541` is the 20% darker color. If you saturate the color by 10%, you get `4282748549`, and if you desaturate by 10%, it is `4284583561`.

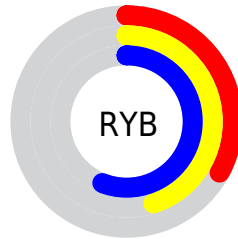
Distribution



Red (33%)

Green (56%)

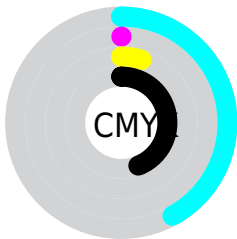
Blue (53%)



Red (33%)

Yellow (45%)

Blue (56%)

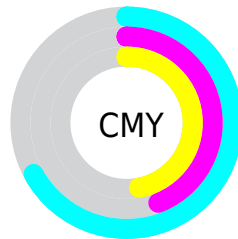


Cyan (42%)

Magenta (0%)

Yellow (5%)

Black (44%)



Cyan (67%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283666055 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 4283666055 by changing the saturation by 10% instead.



4283666055



4283666055

4294967295



4281955438



4287153340



4280179541



4288930008



4278207550



4290772468



4278201640



4292607999



4278196756



4294508543



4278190080



4283666055



4283666055



4282748549



4284583561



4281831044



4285501066

 4280848002

 4286484108

 4279930496

 4287401614


 4279012991

 4288319119

 4278226557

 4289236625

 4290154131

 4291137172

 4292054678

Harmonies

Analogous

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



4284779892



4283666055



4283338137

Triad

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



4283666055



4287332001



4288577123

Complementary

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



4283666055



4287517530

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.



4289165423



4283666055



4288575635

Square

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



4283666055



4285760680



4289230464



4287464543

Rectangle

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



4283666055



4283730849



4289230464



4288838758

Sweetspot

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



4283666055



4288854197



4284190291



4283391066



4292598747



4284243036

Same Dimension

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



4283666055



4284266669



4283660430



4282402631



4278224759



4278192135

Inverse Universe

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



4287517530



4290272359



4287523155



4282859585



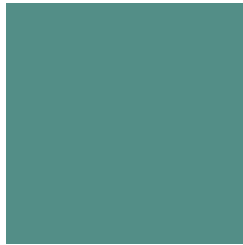
4287037456



4278714369

Previews

White Background



This preview shows how the Android color 4283666055 looks on a white background.

Color Contrast Check

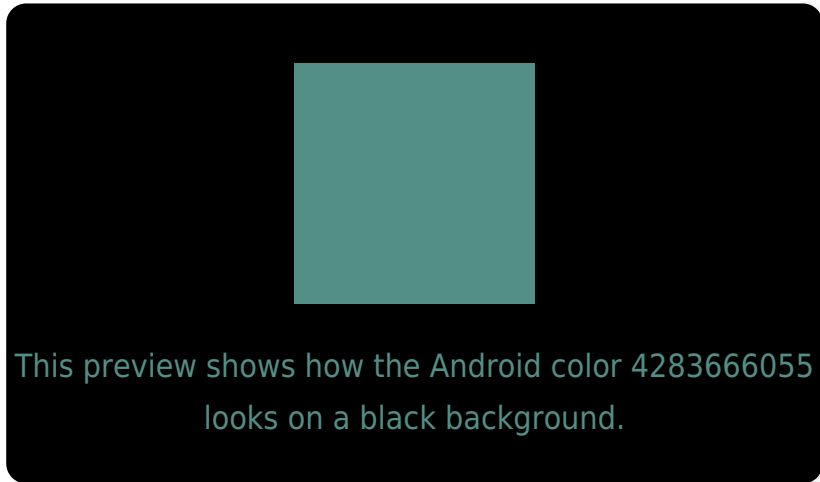
Large Text (above 18pt) WCAG AA ✓ Pass

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

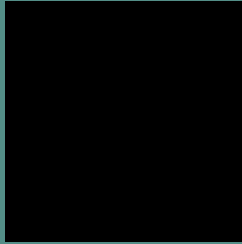
Any Text WCAG AA ✓ Pass

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 4283666055 Background



This preview shows how black text looks on a background with the Android color 4283666055.



This preview shows how white text looks on a background with the Android color 4283666055.

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
4283666055

Protanopia
4287005312

Deuteranopia
4287463306

Trichromacy



Original Color
4283666055

Protanomaly
4285761155

Deuteranomaly
4286088329

Tritanomaly
4283862417

Monochromacy



Original Color
4283666055

Achromatopsia
4286348412

Achromatomaly
4285367168

CSS Examples

Text

The CSS property to change the color of the text to Android 4283666055 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, 142, 135)` looks like.

```
.text, #text, p{  
    color:rgb(83, 142, 135)  
}
```

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, 142, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 142, 135) }
```

Border

The CSS property to change the border of an element to Android 4283666055 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, 142, 135) }
```

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

```
.border{ border-color:rgb(83, 142, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 142, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 142, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 142, 135);  
box-shadow:4px 4px 4px 4px rgb(83, 142,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4283666055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 142, 135) }
```

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

```
.background{ background-color: rgb(83, 142,  
135) }
```

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