

Converting Colors

Android(4285255338)

Have a look what the booklet for
Android(4285255338) contains.

Android(4285255338)	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(4285255338)

Conversions

Conversions Part 1

Format	Color
Hex	6BCEAA
RGB	107, 206, 170
RGB Percent	42%, 81%, 67%
CMY	0.5804, 0.1922, 0.3333
CMYK	0.48, 0.00, 0.17, 0.19
HSL	158°, 50%, 61%
HSV	158°, 48%, 81%
XYZ	35.3904, 50.1707, 45.8489
YIQ	172.2950, -47.4480, -32.1840

Conversions

Conversions Part 2

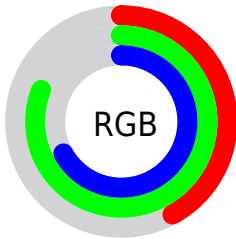
Format	Color
RYB	107, 168, 206
Decimal	7065258
CIELab	76.17, -37.59, 9.01
CIELCh	76, 38.657, 166.515
Yxy	50.1707, 0.2693, 0.3818
Android (android.graphics.Color)	4285255338 (0xFF6BCEAA)
YUV	172.2950, -1.1314, -57.2637
Hunter-Lab	70.8313, -34.7683, 11.2037

Details

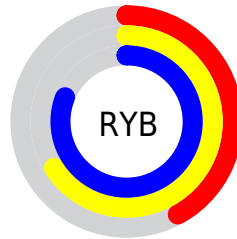
The Android color `4285255338` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4291718031`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4289003489`, and `4281374582` is the 20% darker color. If you saturate the color by 10%, you get `4283879075`, and if you desaturate by 10%, it is `4286631601`.

Distribution



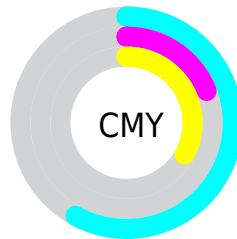
- Red (42%)
- Green (81%)
- Blue (67%)



- Red (42%)
- Yellow (66%)
- Blue (81%)



- Cyan (48%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)



- Cyan (58%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285255338 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 4285255338 by changing the saturation by 10% instead.

 4285255338

 4285255338

4294967295

 4283347600

 4289003489

 4281374582

 4290838526

 4278287709

 4292804607

 4278215494

 4294705151

 4278209327

 4278203162

 4278197760

 4278190080

 4285255338


 4285255338

 4283879075

 4286631601

 4282568347

 4287942329

 4281192084

 4289318592

 4279881356

 4290629320

 4278505093

 4292005583

 4278242947

 4293381847

 4294692574

 4294954726

 4294954733

Harmonies

Analogous

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



4288203146



4285255338



4282306511

Triad

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



4285255338



4289313023



4294617226

Complementary

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



4285255338



4291718031

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.



4294943145



4285255338



4292455661

Square

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



4285255338



4285449471



4294419149



4293047415

Rectangle

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



4285255338



4281454053



4294419149



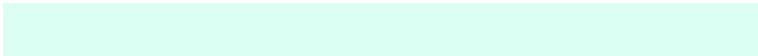
4294878611

Sweetspot

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



4285255338



4292607986



4287614571



4285169784



4278190080



4286611584

Same Dimension

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



4285255338



4285267913



4285252046



4284245602



4278232681



4278199832

Inverse Universe

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



4291718031



4294929313



4291721323



4284898400



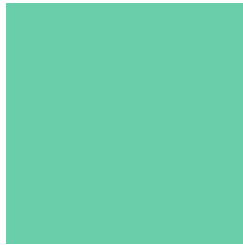
4289069116



4280680462

Previews

White Background



This preview shows how the Android color 4285255338 looks on a white background.

Color Contrast Check

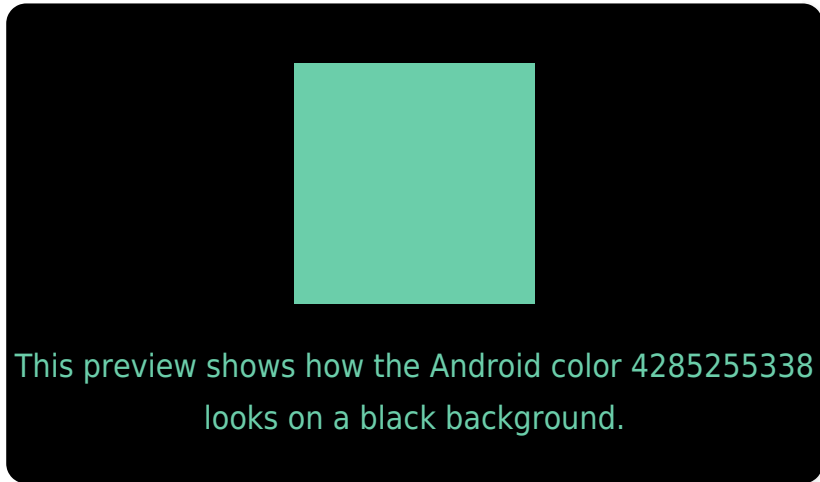
Large Text (above 18pt) WCAG AA × Fail

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

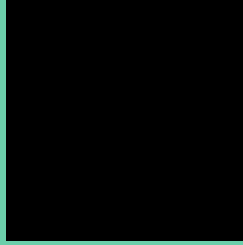
Any Text WCAG AA ✓ Pass

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 4285255338 Background



This preview shows how black text looks on a background with the Android color 4285255338.



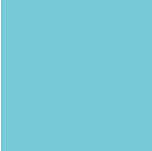
This preview shows how white text looks on a background with the Android color 4285255338.

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





Tritanopia
4286105816

Trichromacy



Original Color

4285255338



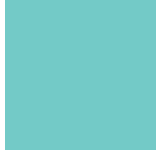
Protanomaly

4288987556



Deuteranomaly

4289510830



Tritanomaly

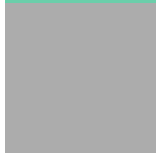
4285778631

Monochromacy



Original Color

4285255338



Achromatopsia

4289506476



Achromatomaly

4287936683

CSS Examples

Text

The CSS property to change the color of the text to Android 4285255338 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(107, 206, 170)` looks like.

```
.text, #text, p{  
    color:rgb(107, 206, 170)  
}
```

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(107, 206, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 206, 170) }
```

Border

The CSS property to change the border of an element to Android 4285255338 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(107, 206, 170) }
```

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

```
.border{ border-color:rgb(107, 206, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 206, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 206, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 206, 170);  
box-shadow:4px 4px 4px 4px rgb(107, 206,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4285255338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 206, 170) }
```

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

```
.background{ background-color: rgb(107,  
206, 170) }
```

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