

Converting Colors

Android(4286301358)

Have a look what the booklet for
Android(4286301358) contains.

Android(4286301358)	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(4286301358)

Conversions

Conversions Part 1

Format	Color
Hex	7BC4AE
RGB	123, 196, 174
RGB Percent	48%, 77%, 68%
CMY	0.5176, 0.2314, 0.3176
CMYK	0.37, 0.00, 0.11, 0.23
HSL	162°, 38%, 63%
HSV	162°, 37%, 77%
XYZ	35.5483, 46.7468, 47.1938
YIQ	171.6650, -36.4460, -22.3180

Conversions

Conversions Part 2

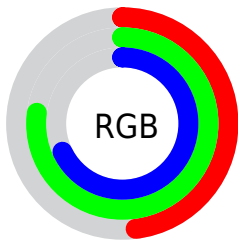
Format	Color
RYB	123, 166, 196
Decimal	8111278
CIELab	74.03, -27.81, 3.86
CIELCh	74, 28.073, 172.093
Yxy	46.7468, 0.2745, 0.3610
Android (android.graphics.Color)	4286301358 (0xFF7BC4AE)
YUV	171.6650, 1.1512, -42.6792
Hunter-Lab	68.3716, -26.8433, 6.9349

Details

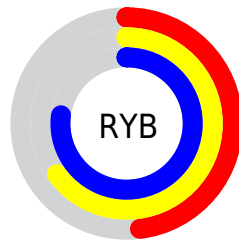
The Android color `4286301358` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4291066769`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4289920485`, and `4282814074` is the 20% darker color. If you saturate the color by 10%, you get `4284990632`, and if you desaturate by 10%, it is `4287612084`.

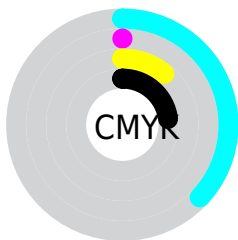
Distribution



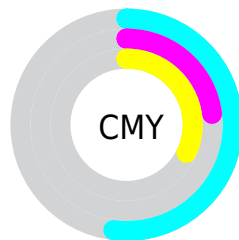
- Red (48%)
- Green (77%)
- Blue (68%)



- Red (48%)
- Yellow (65%)
- Blue (77%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286301358 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 4286301358 by changing the saturation by 10% instead.



4286301358



4286301358

4294967295



4284524947



4289920485



4282814074



4291756031



4280972385



4293656575



4278672201



4278207283



4278201374



4278195973



4278190080



4286301358



4286301358

 4284990632


 4287612084

 4283745442

 4288857274

 4282434716

 4290168000

 4281189526

 4291413190

 4279878800

 4292723916

 4278568075

 4294034641

 4278240393

 4294952151

 4294952157

 4294952163

Harmonies

Analogous

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



4288135574



4286301358



4285121736

Triad

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



4286301358



4289835750



4293044878

Complementary

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



4286301358



4291066769

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.



4293567652



4286301358



4291865046

Square

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



4286301358



4287412968



4293239998



4291801731

Rectangle

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



4286301358



4285186776



4293239998



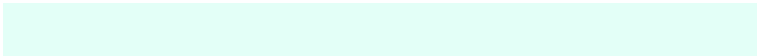
4293306261

Sweetspot

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



4286301358



4293132279



4287808635



4285497467



4278190080



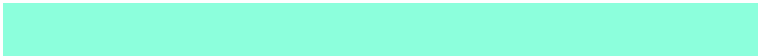
4286611584

Same Dimension

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



4286301358



4287430620



4286298052



4283916638



4278231408



4278198551

Inverse Universe

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



4291066769



4294937775



4291070075



4284569434



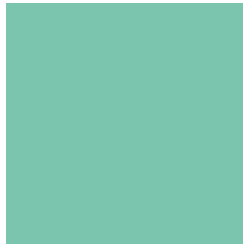
4288741424



4280352778

Previews

White Background



This preview shows how the Android color 4286301358 looks on a white background.

Color Contrast Check

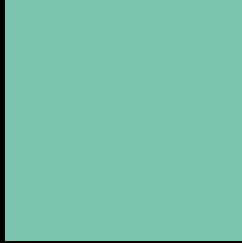
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4286301358 looks on a 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 4286301358 Background



This preview shows how black text looks on a background with the Android color 4286301358.



This preview shows how white text looks on a background with the Android color 4286301358.

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

4286301358



Protanomaly

4288985769



Deuteranomaly

4289509297



Tritanomaly

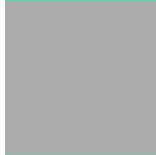
4286628291

Monochromacy



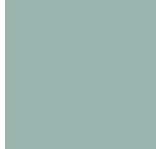
Original Color

4286301358



Achromatopsia

4289506476



Achromatomaly

4288329133

CSS Examples

Text

The CSS property to change the color of the text to Android 4286301358 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(123, 196, 174)` looks like.

```
.text, #text, p{  
    color:rgb(123, 196, 174)  
}
```

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(123, 196, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 196, 174) }
```

Border

The CSS property to change the border of an element to Android 4286301358 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(123, 196, 174) }
```

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

```
.border{ border-color:rgb(123, 196, 174) }
```

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

Here you see how a box with a 4 pixel rgb(123, 196, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 196, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 196, 174);  
box-shadow:4px 4px 4px 4px rgb(123, 196,  
174) }
```

Background

The CSS property to change the background color of an element to Android 4286301358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 196, 174) }
```

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

```
.background{ background-color: rgb(123,  
196, 174) }
```

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