

Converting Colors

Android(4286898914)

Have a look what the booklet for
Android(4286898914) contains.

Android(4286898914)	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(4286898914)

Conversions

Conversions Part 1	
Format	Color
Hex	84E2E2
RGB	132, 226, 226
RGB Percent	52%, 89%, 89%
CMY	0.4824, 0.1137, 0.1137
CMYK	0.42, 0.00, 0.00, 0.11
HSL	180°, 62%, 70%
HSV	180°, 42%, 89%
XYZ	50.4395, 64.7892, 81.7986
YIQ	197.8940, -56.0240, -19.9280

Conversions

Conversions Part 2

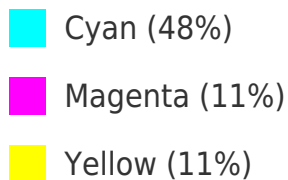
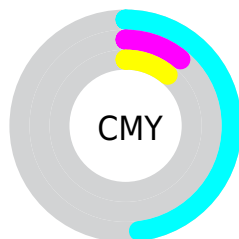
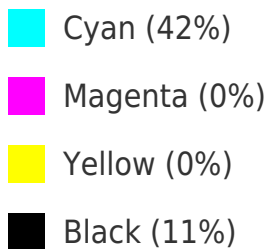
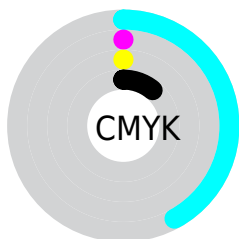
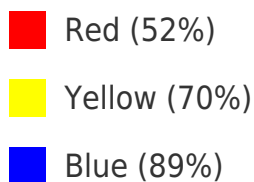
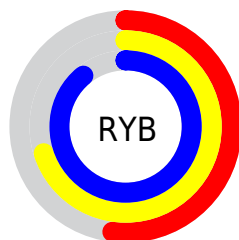
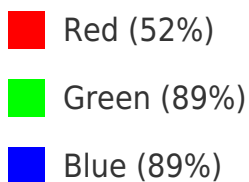
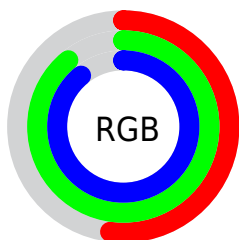
Format	Color
RYB	132, 179, 226
Decimal	8708834
CIELab	84.38, -27.84, -8.75
CIELCh	84, 29.188, 197.450
Yxy	64.7892, 0.2560, 0.3288
Android (android.graphics.Color)	4286898914 (0xFF84E2E2)
YUV	197.8940, 13.8563, -57.7890
Hunter-Lab	80.4918, -29.0049, -3.9084

Details

The Android color **4286898914** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **4293035140**, and the grayscale version is **4291217094**.

A 20% lighter version of the original color is **4290707455**, and **4283083435** is the 20% darker color. If you saturate the color by 10%, you get **4285391586**, and if you desaturate by 10%, it is **4288406242**.















Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4286898914 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 4286898914 by changing the saturation by 10% instead.

	4286898914		4286898914
	4294967295		4284991174
	4290707455		4283083435
	4292607999		4280914064
	4294574079		4278220407
			4278213982
			4278207814
			4278201904
			4278196507
			4278190080

 4286898914

 4286898914

 4285391586

 4288406242

 4283949794

 4289848034

 4282442466

 4291355362

 4281000674

 4292797154

 4279493346

 4294304482

 4278248162

 4294959842

Harmonies

Analogous

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



4288274886



4286898914



4287029242

Triad

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



4286898914



4293576440



4294036893

Complementary

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



4286898914



4293035140

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.



4294952107



4286898914



4294951135

Square

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



4286898914



4291285247



4294950851



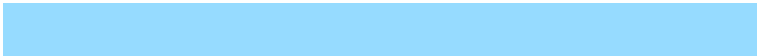
4292269726

Rectangle

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



4286898914



4288076799



4294950851



4294560416

Sweetspot

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



4286898914



4292935679



4286898820



4285431936



4278190080



4286611584

Same Dimension

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



4286898914



4286644223



4286886882



4284838000



4278235312



4278202416

Inverse Universe

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



4293035234



4294934783



4293047172



4285556080



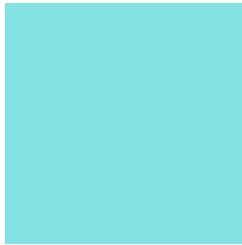
4289724592



4281335856

Previews

White Background



This preview shows how the Android color 4286898914 looks on a white background.

Color Contrast Check

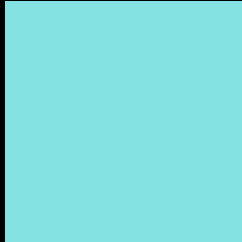
Large Text (above 18pt) WCAG AA × Fail

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 4286898914 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

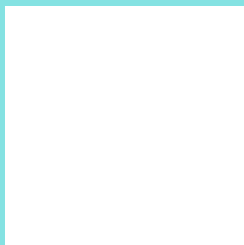
Any Text WCAG AAA ✓ Pass

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

Android 4286898914 Background



This preview shows how black text looks on a background with the Android color 4286898914.

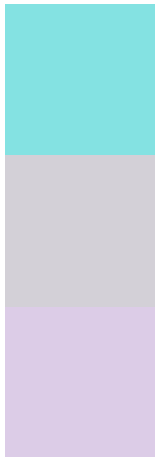


This preview shows how white text looks on a background with the Android color 4286898914.

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
4286898914

Protanopia
4292071639

Deuteranopia
4292660455

Trichromacy

	Original Color 4286898914
	Protanomaly 4290172891
	Deuteranomaly 4290565349
	Tritanomaly 4287095276

Monochromacy

	Original Color 4286898914
	Achromatopsia 4291217094
	Achromatomaly 4289646800

CSS Examples

Text

The CSS property to change the color of the text to Android 4286898914 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(132, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(132, 226, 226)  
}
```

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(132, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 226, 226) }
```

Border

The CSS property to change the border of an element to Android 4286898914 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(132, 226, 226) }
```

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

```
.border{ border-color:rgb(132, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(132, 226,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4286898914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 226, 226) }
```

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

```
.background{ background-color: rgb(132,  
226, 226) }
```

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