

Converting Colors

Android(4286831076)

Have a look what the booklet for
Android(4286831076) contains.

Android(4286831076)	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(4286831076)

Conversions

Conversions Part 1

Format	Color
Hex	83D9E4
RGB	131, 217, 228
RGB Percent	51%, 85%, 89%
CMY	0.4863, 0.1490, 0.1059
CMYK	0.43, 0.05, 0.00, 0.11
HSL	187°, 64%, 70%
HSV	187°, 43%, 89%
XYZ	48.1765, 60.0524, 82.4509
YIQ	192.5400, -54.7870, -14.8110

Conversions

Conversions Part 2

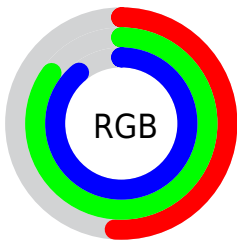
Format	Color
RYB	131, 177, 228
Decimal	8640996
CIELab	81.87, -23.18, -13.56
CIELCh	82, 26.854, 210.327
Yxy	60.0524, 0.2527, 0.3149
Android (android.graphics.Color)	4286831076 (0xFF83D9E4)
YUV	192.5400, 17.4818, -53.9706
Hunter-Lab	77.4935, -24.6429, -8.8374

Details

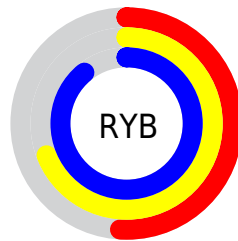
The Android color `4286831076` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293168771`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4290576383`, and `4283015853` is the 20% darker color. If you saturate the color by 10%, you get `4285322980`, and if you desaturate by 10%, it is `4288339172`.

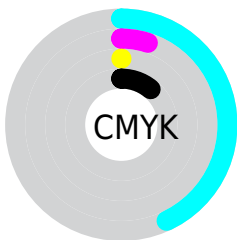
Distribution



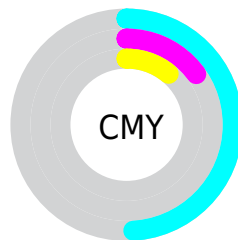
- Red (51%)
- Green (85%)
- Blue (89%)



- Red (51%)
- Yellow (69%)
- Blue (89%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286831076 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 4286831076 by changing the saturation by 10% instead.



4286831076



4286831076

4294967295



4284988872



4290576383



4283015853



4292542463



4280912018



4294443007



4278218360



4278211936



4278206024



4278200113



4278193693



4278190080

 4286831076

 4286831076

 4285322980

 4288339172

 4283815140

 4289847012

 4282372580

 4291289572

 4280864740

 4292797412

 4279356644

 4294305508

 4278242020

 4294961636

 4294962148

 4294962916

 4294963428

Harmonies

Analogous

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



4287486667



4286831076



4287616502

Triad

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



4286831076



4293705189



4292790937

Complementary

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



4286831076



4293168771

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.



4294165153



4286831076



4294752716

Square

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



4286831076



4291872247



4294884275



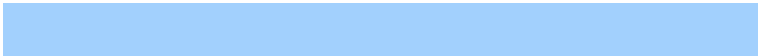
4291023520

Rectangle

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



4286831076



4288860413



4294884275



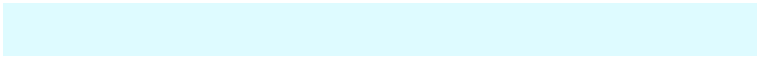
4293314458

Sweetspot

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



4286831076



4292803583



4286833805



4285234560



4278190080



4286611584

Same Dimension

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



4286831076



4286443775



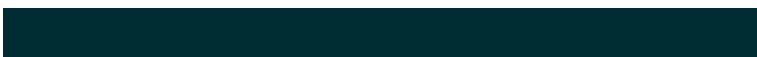
4286819044



4284969331



4278230707



4278201651

Inverse Universe

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



4293166041



4294934000



4293180803



4285753201



4289921182



4281532461

Previews

White Background



This preview shows how the Android color 4286831076 looks on a white background.

Color Contrast Check

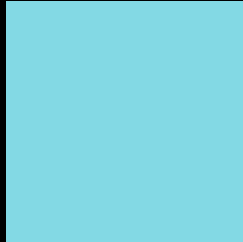
Large Text (above 18pt) WCAG AA × Fail

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 4286831076 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 4286831076 Background



This preview shows how black text looks on a background with the Android color 4286831076.



This preview shows how white text looks on a background with the Android color 4286831076.

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

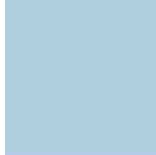


Trichromacy



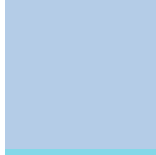
Original Color

4286831076



Protanomaly

4289777630



Deuteranomaly

4290039015



Tritanomaly

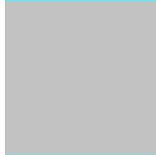
4286896360

Monochromacy



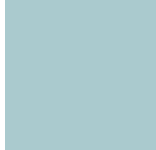
Original Color

4286831076



Achromatopsia

4290888129



Achromatomaly

4289383118

CSS Examples

Text

The CSS property to change the color of the text to Android 4286831076 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(131, 217, 228)` looks like.

```
.text, #text, p{  
    color:rgb(131, 217, 228)  
}
```

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(131, 217, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 217, 228) }
```

Border

The CSS property to change the border of an element to Android 4286831076 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(131, 217, 228) }
```

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

```
.border{ border-color:rgb(131, 217, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 217, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 217, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 217, 228);  
box-shadow:4px 4px 4px 4px rgb(131, 217,  
228) }
```

Background

The CSS property to change the background color of an element to Android 4286831076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 217, 228) }
```

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

```
.background{ background-color: rgb(131,  
217, 228) }
```

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