

Converting Colors

Android(4286241209)

Have a look what the booklet for
Android(4286241209) contains.

Android(4286241209)	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(4286241209)

Conversions

Conversions Part 1

Format	Color
Hex	7AD9B9
RGB	122, 217, 185
RGB Percent	48%, 85%, 73%
CMY	0.5216, 0.1490, 0.2745
CMYK	0.44, 0.00, 0.15, 0.15
HSL	160°, 56%, 66%
HSV	160°, 44%, 85%
XYZ	41.5958, 57.2661, 54.7601
YIQ	184.9470, -46.3480, -30.0920

Conversions

Conversions Part 2

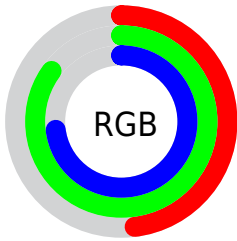
Format	Color
RYB	122, 179, 217
Decimal	8051129
CIELab	80.33, -35.60, 7.04
CIElCh	80, 36.287, 168.821
Yxy	57.2661, 0.2708, 0.3728
Android (android.graphics.Color)	4286241209 (0xFF7AD9B9)
YUV	184.9470, 0.0261, -55.2045
Hunter-Lab	75.6743, -34.3142, 10.0681

Details

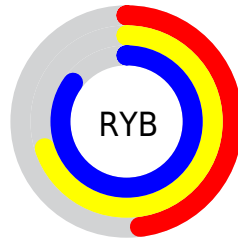
The Android color `4286241209` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4292442778`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4289986545`, and `4282491524` is the 20% darker color. If you saturate the color by 10%, you get `4284799410`, and if you desaturate by 10%, it is `4287683008`.

Distribution



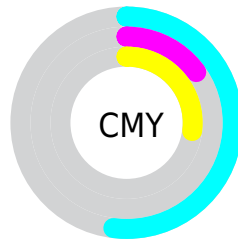
- Red (48%)
- Green (85%)
- Blue (73%)



- Red (48%)
- Yellow (70%)
- Blue (85%)



- Cyan (44%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (52%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286241209 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 4286241209 by changing the saturation by 10% instead.

 4286241209

 4286241209

4294967295

 4284399006

 4289986545

 4282491524

 4291821567

 4280387435

 4293787647

 4278218067

 4278211644

 4278205478

 4278200081

 4278190592

 4278190080

 4286241209

 4286241209

 4284799410

 4287683008


 4283423146

 4289059272

 4281981347

 4290501071

 4280539548

 4291942870

 4279163284

 4293384670

 4278245776

 4294760933

 4294957548

 4294957555

 4294957563

Harmonies

Analogous

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



4288861338



4286241209



4284078812

Triad

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



4286241209



4290429951



4294948502

Complementary

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



4286241209



4292442778

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.



4294946483



4286241209



4293310452

Square

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



4286241209



4287024895



4294946773



4293575045

Rectangle

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



4286241209



4283816177



4294946773



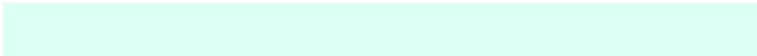
4294947742

Sweetspot

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



4286241209



4292804596



4288403834



4285235321



4278190080



4286611584

Same Dimension

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



4286241209



4286119889



4286237657



4284706410



4278234483



4278201886

Inverse Universe

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



4292442778



4294932645



4292446330



4285424486



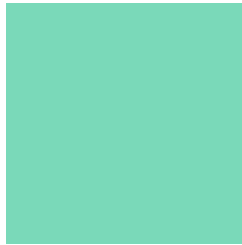
4289527866



4281204751

Previews

White Background



This preview shows how the Android color 4286241209 looks on a white background.

Color Contrast Check

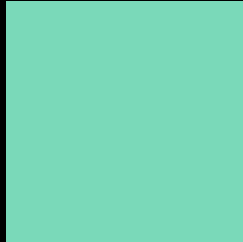
Large Text (above 18pt) WCAG AA × Fail

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 4286241209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

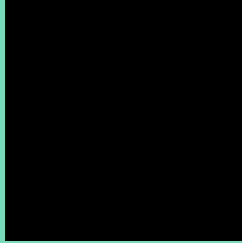
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

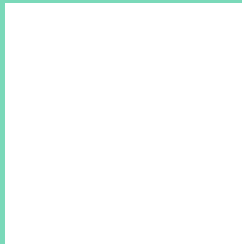
Any Text WCAG AAA ✓ Pass

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

Android 4286241209 Background



This preview shows how black text looks on a background with the Android color 4286241209.

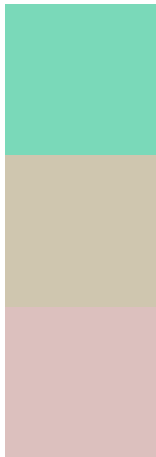


This preview shows how white text looks on a background with the Android color 4286241209.

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
4286241209

Protanopia
4291806895

Deuteranopia
4292657342

Trichromacy



Original Color

4286241209



Protanomaly

4289777075



Deuteranomaly

4290300348



Tritanomaly

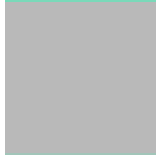
4286698964

Monochromacy



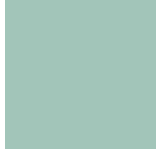
Original Color

4286241209



Achromatopsia

4290361785



Achromatomaly

4288857529

CSS Examples

Text

The CSS property to change the color of the text to Android 4286241209 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(122, 217, 185)` looks like.

```
.text, #text, p{  
    color:rgb(122, 217, 185)  
}
```

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(122, 217, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 217, 185) }
```

Border

The CSS property to change the border of an element to Android 4286241209 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(122, 217, 185) }
```

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

```
.border{ border-color:rgb(122, 217, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 217, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 217, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 217, 185);  
box-shadow:4px 4px 4px 4px rgb(122, 217,  
185) }
```

Background

The CSS property to change the background color of an element to Android 4286241209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 217, 185) }
```

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

```
.background{ background-color: rgb(122,  
217, 185) }
```

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