

Converting Colors

Android(4286109159)

Have a look what the booklet for
Android(4286109159) contains.

Android(4286109159)	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(4286109159)

Conversions

Conversions Part 1

Format	Color
Hex	78D5E7
RGB	120, 213, 231
RGB Percent	47%, 84%, 91%
CMY	0.5294, 0.1647, 0.0941
CMYK	0.48, 0.08, 0.00, 0.09
HSL	190°, 70%, 69%
HSV	190°, 48%, 91%
XYZ	45.9638, 57.3511, 84.2486
YIQ	187.2450, -61.2060, -14.1180

Conversions

Conversions Part 2

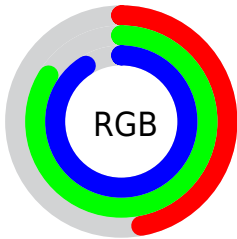
Format	Color
R _{YB}	120, 171, 231
Decimal	7919079
CIE _{Lab}	80.38, -22.96, -17.44
CIE _{LCh}	80, 28.832, 217.230
Y _{xy}	57.3511, 0.2451, 0.3058
Android (android.graphics.Color)	4286109159 (0xFF78D5E7)
YUV	187.2450, 21.5712, -58.9739
Hunter-Lab	75.7305, -24.1898, -12.9476

Details

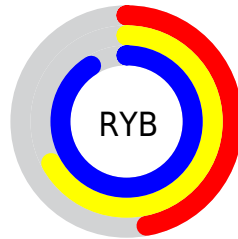
The Android color `4286109159` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293364344`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4289921023`, and `4282097327` is the 20% darker color. If you saturate the color by 10%, you get `4284600807`, and if you desaturate by 10%, it is `4287617511`.

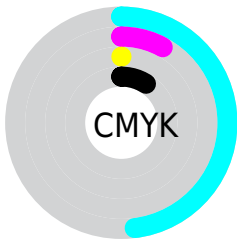
Distribution



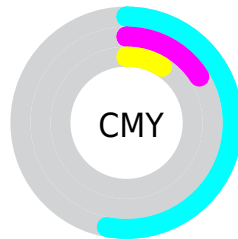
- Red (47%)
- Green (84%)
- Blue (91%)



- Red (47%)
- Yellow (67%)
- Blue (91%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286109159 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 4286109159 by changing the saturation by 10% instead.

 4286109159

 4286109159

4294967295

 4284201419

 4289921023

 4282097327

 4291887103

 4279272597

 4293787647

 4278217339

 4278211170

 4278205258

 4278199604

 4278191135

 4278190082

■ 4286109159

■ 4286109159

■ 4284600807

■ 4287617511

■ 4283092711

■ 4289125607

■ 4281584359

■ 4290633959

■ 4280076007

■ 4292142311

■ 4278567655

■ 4293650663

■ 4278239975

■ 4294962151

■ 4294963175

■ 4294964199

■ 4294965223

Harmonies

Analogous

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



4286568397



4286109159



4287418616

Triad

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



4286109159



4293965789



4292200594

Complementary

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



4286109159



4293364344

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.



4293771158



4286109159



4294816962

Square

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



4286109159



4292132594



4294752168



4290236572

Rectangle

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



4286109159



4288924669



4294752168



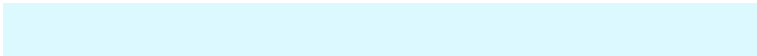
4292789650

Sweetspot

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



4286109159



4292606463



4286113673



4285168768



4278190080



4286611584

Same Dimension

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



4286109159



4285261823



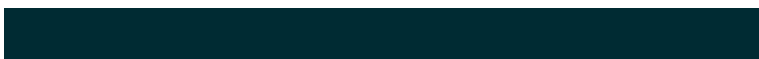
4286095335



4284969331



4278228659



4278201139

Inverse Universe

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



4293359829



4294929383



4293378168



4285753201



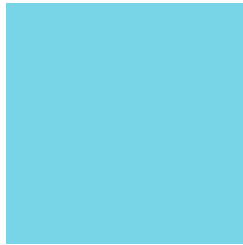
4289921174



4281532459

Previews

White Background



This preview shows how the Android color 4286109159 looks on a white background.

Color Contrast Check

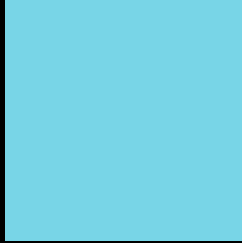
Large Text (above 18pt) WCAG AA × Fail

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 4286109159 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 4286109159 Background



This preview shows how black text looks on a background with the Android color 4286109159.

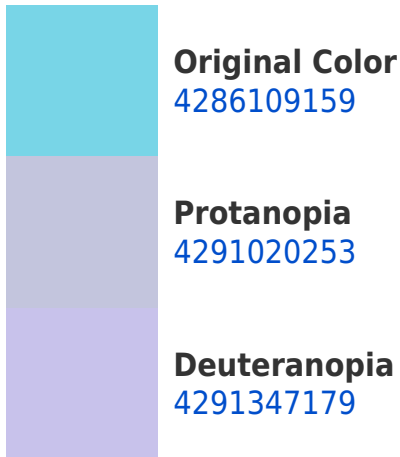


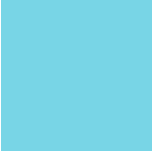
This preview shows how white text looks on a background with the Android color 4286109159.

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
4286109158

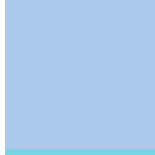
Trichromacy



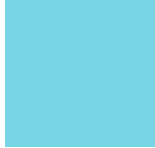
Original Color
4286109159



Protanomaly
4289252321



Deuteranomaly
4289448426

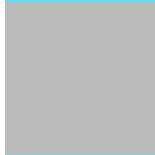


Tritanomaly
4286109158

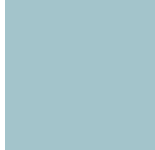
Monochromacy



Original Color
4286109159



Achromatopsia
4290493371



Achromatomaly
4288922827

CSS Examples

Text

The CSS property to change the color of the text to Android 4286109159 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(120, 213, 231)` looks like.

```
.text, #text, p{  
    color:rgb(120, 213, 231)  
}
```

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(120, 213, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 213, 231) }
```

Border

The CSS property to change the border of an element to Android 4286109159 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(120, 213, 231) }
```

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

```
.border{ border-color:rgb(120, 213, 231) }
```

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

Here you see how a box with a 4 pixel rgb(120, 213, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 213, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 213, 231);  
box-shadow:4px 4px 4px 4px rgb(120, 213,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4286109159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 213, 231) }
```

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

```
.background{ background-color: rgb(120,  
213, 231) }
```

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