

Converting Colors

Android(4286832009)

Have a look what the booklet for
Android(4286832009) contains.

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Color

Android(4286832009)

Conversions

Conversions Part 1

Format	Color
Hex	83DD89
RGB	131, 221, 137
RGB Percent	51%, 87%, 54%
CMY	0.4863, 0.1333, 0.4627
CMYK	0.41, 0.00, 0.38, 0.13
HSL	124°, 57%, 69%
HSV	124°, 41%, 87%
XYZ	39.7319, 58.3443, 32.8344
YIQ	184.5140, -26.6760, -45.2040

Conversions

Conversions Part 2

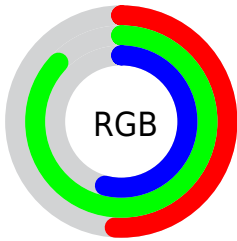
Format	Color
RYB	131, 215, 221
Decimal	8641929
CIELab	80.93, -43.95, 33.00
CIELCh	81, 54.958, 143.094
Yxy	58.3443, 0.3035, 0.4457
Android (android.graphics.Color)	4286832009 (0xFF83DD89)
YUV	184.5140, -23.4244, -46.9318
Hunter-Lab	76.3835, -40.8219, 27.9819

Details

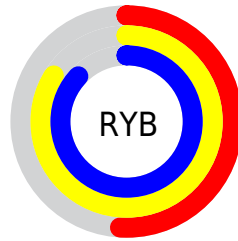
The Android color `4286832009` is a light color, and the websafe version is hex `66CC66`. A complement of this color would be `4292707287`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4290510783`, and `4283147606` is the 20% darker color. If you saturate the color by 10%, you get `4285390196`, and if you desaturate by 10%, it is `4288273822`.

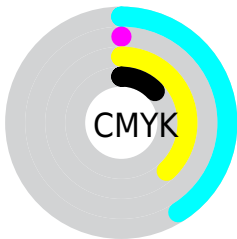
Distribution



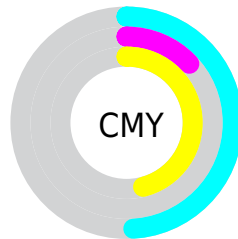
- Red (51%)
- Green (87%)
- Blue (54%)



- Red (51%)
- Yellow (84%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286832009 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 4286832009 by changing the saturation by 10% instead.



4286832009



4286832009

4294967295



4284989807



4290510783



4283147606



4292411355



4281240126



4294377464



4278415398



4278212365



4278206208



4278200832



4278191616



4278190080

 4286832009

 4286832009


 4285390196

 4288273822

 4283948384

 4289715634

 4282506571

 4291157447

 4281064758

 4292599260

 4279622946

 4294106608

 4278246671

 4294958591

Harmonies

Analogous

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



4290826855



4286832009



4278969275

Triad

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



4286832009



4283355903



4294943139

Complementary

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



4286832009



4292707287

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.



4294942679



4286832009



4290429183

Square

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



4286832009



4278247167



4294814975



4294946680

Rectangle

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



4286832009



4278248415



4294814975



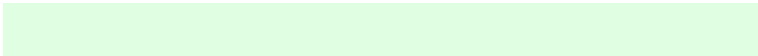
4294942388

Sweetspot

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



4286832009



4292935650



4292337027



4285431919



4278190080



4286611584

Same Dimension

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



4286832009



4286775178



4286832054



4284706403



4278234380



4278201859

Inverse Universe

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



4292707287



4294935287



4292707242



4285424493



4289527970



4281204779

Previews

White Background



This preview shows how the Android color 4286832009 looks on a white background.

Color Contrast Check

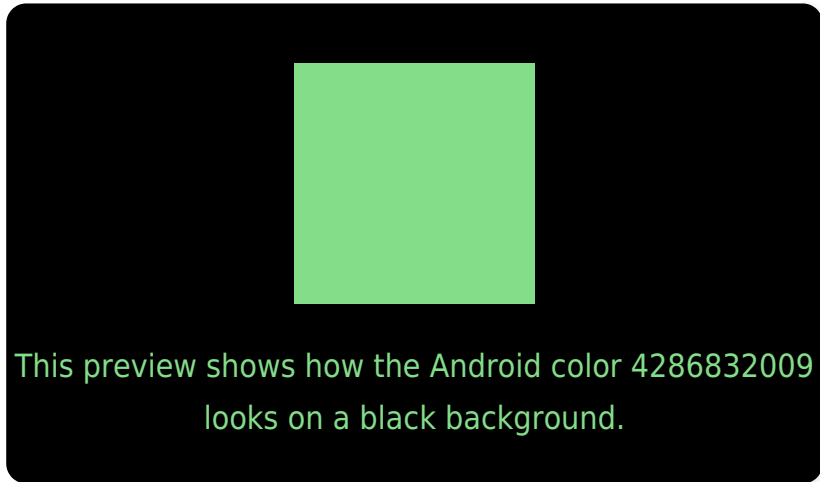
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

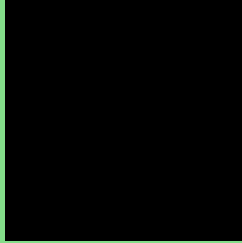
Any Text WCAG AA ✓ Pass

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 4286832009 Background



This preview shows how black text looks on a background with the Android color 4286832009.

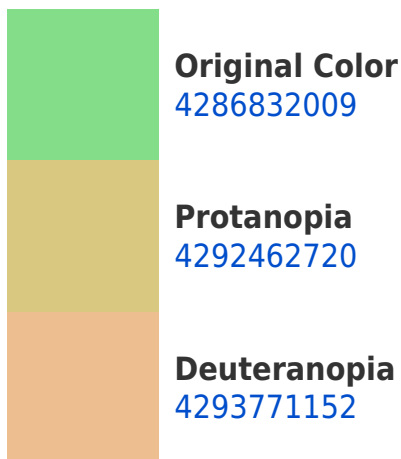


This preview shows how white text looks on a background with the Android color 4286832009.

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](#).

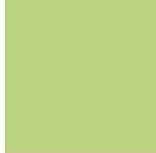
Dichromacy



Trichromacy



Original Color
4286832009



Protanomaly
4290433155



Deuteranomaly
4291218061



Tritanomaly
4287551170

Monochromacy



Original Color
4286832009



Achromatopsia
4290361785



Achromatomaly
4289054376

CSS Examples

Text

The CSS property to change the color of the text to Android 4286832009 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, 221, 137)` looks like.

```
.text, #text, p{  
    color:rgb(131, 221, 137)  
}
```

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, 221, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 221, 137) }
```

Border

The CSS property to change the border of an element to Android 4286832009 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, 221, 137) }
```

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

```
.border{ border-color:rgb(131, 221, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 221, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 221, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 221, 137); box-shadow:4px 4px 4px 4px rgb(131, 221, 137) }
```

Background

The CSS property to change the background color of an element to Android 4286832009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 221, 137) }
```

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

```
.background{ background-color: rgb(131,  
221, 137) }
```

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](#).

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