

Converting Colors

Android(4289517676)

Have a look what the booklet for
Android(4289517676) contains.

Android(4289517676)	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(4289517676)

Conversions

Conversions Part 1

Format	Color
Hex	ACD86C
RGB	172, 216, 108
RGB Percent	67%, 85%, 42%
CMY	0.3255, 0.1529, 0.5765
CMYK	0.20, 0.00, 0.50, 0.15
HSL	84°, 58%, 64%
HSV	84°, 50%, 85%
XYZ	44.2759, 58.9651, 23.2352
YIQ	190.5320, 8.4440, -42.9160

Conversions

Conversions Part 2

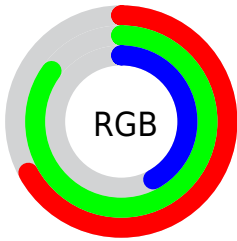
Format	Color
RYB	108, 216, 152
Decimal	11327596
CIELab	81.27, -31.68, 48.20
CIElCh	81, 57.676, 123.319
Yxy	58.9651, 0.3501, 0.4662
Android (android.graphics.Color)	4289517676 (0xFFACD86C)
YUV	190.5320, -40.6883, -16.2526
Hunter-Lab	76.7887, -31.4583, 35.8118

Details

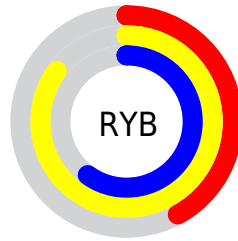
The Android color **4289517676** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **4288179416**, and the grayscale version is **4290756543**.

A 20% lighter version of the original color is **4293263266**, and **4285899064** is the 20% darker color. If you saturate the color by 10%, you get **4288927830**, and if you desaturate by 10%, it is **4290107522**.

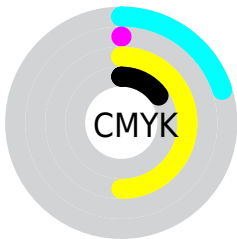
Distribution



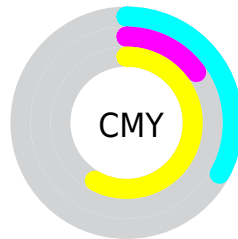
- Red (67%)
- Green (85%)
- Blue (42%)



- Red (42%)
- Yellow (85%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (50%)
- Black (15%)



- Cyan (33%)
- Magenta (15%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289517676 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 4289517676 by changing the saturation by 10% instead.

 4289517676

 4289517676

4294967295

 4287675474

 4293263266

 4285899064

 4294967229

 4284188445

 4294967258

 4282412288

 4294967287

 4280701952

 4278598912

 4278200064

 4278192384

 4278190080

 4289517676

 4289517676

 4288927830

 4290107522

 4288337985

 4290697367

 4287813675

 4291221677

 4287223830

 4291811522

 4286633984

 4292401368

 4292991214

 4293581055

 4294105343

 4294695167

Harmonies

Analogous

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



4293183834



4289517676



4284735895

Triad

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



4289517676



4278246655



4294941894

Complementary

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



4289517676



4288179416

Split Complementary

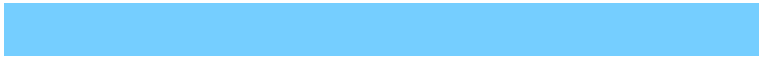
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294944251



4289517676



4285910783

Square

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



4289517676



4278248703



4292262399



4294943633

Rectangle

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



4289517676



4278248892



4292262399



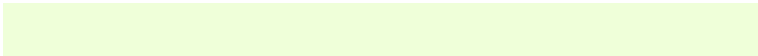
4294942168

Sweetspot

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



4289517676



4293918681



4292384620



4285956201



4278190080



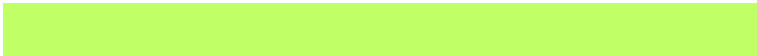
4286611584

Same Dimension

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



4289517676



4290903910



4286044268



4284967776



4284852992



4279905024

Inverse Universe

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



4288179416



4288964351



4291652824



4284833899



4282777771



4279369771

Previews

White Background



This preview shows how the Android color 4289517676 looks on a white background.

Color Contrast Check

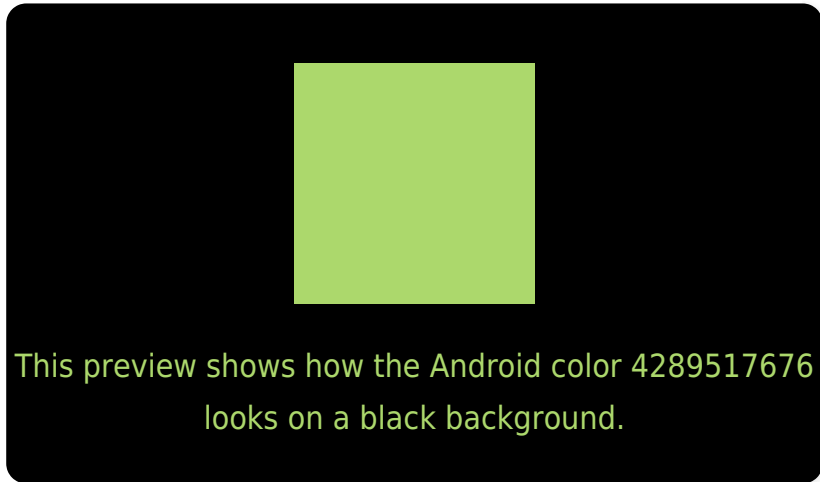
Large Text (above 18pt) WCAG AA × Fail

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 4289517676 Background



This preview shows how black text looks on a background with the Android color 4289517676.



This preview shows how white text looks on a background with the Android color 4289517676.

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

4289517676

Protanomaly

4291612265

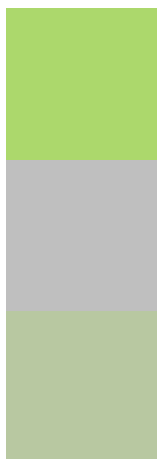
Deuteranomaly

4292528496

Tritanomaly

4290171059

Monochromacy



Original Color

4289517676

Achromatopsia

4290756543

Achromatomaly

4290300065

CSS Examples

Text

The CSS property to change the color of the text to Android 4289517676 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(172, 216, 108)` looks like.

```
.text, #text, p{  
    color:rgb(172, 216, 108)  
}
```

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(172, 216, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 216, 108) }
```

Border

The CSS property to change the border of an element to Android 4289517676 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(172, 216, 108) }
```

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

```
.border{ border-color:rgb(172, 216, 108) }
```

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

Here you see how a box with a 4 pixel rgb(172, 216, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 216, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 216, 108);  
box-shadow:4px 4px 4px 4px rgb(172, 216,  
108) }
```

Background

The CSS property to change the background color of an element to Android 4289517676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 216, 108) }
```

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

```
.background{ background-color: rgb(172,  
216, 108) }
```

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