

Converting Colors

Android(4289451586)

Have a look what the booklet for
Android(4289451586) contains.

Android(4289451586)	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(4289451586)

Conversions

Conversions Part 1

Format	Color
Hex	ABD642
RGB	171, 214, 66
RGB Percent	67%, 84%, 26%
CMY	0.3294, 0.1608, 0.7412
CMYK	0.20, 0.00, 0.69, 0.16
HSL	77°, 64%, 55%
HSV	77°, 69%, 84%
XYZ	41.8245, 57.1444, 13.9798
YIQ	184.2710, 21.8800, -55.1440

Conversions

Conversions Part 2

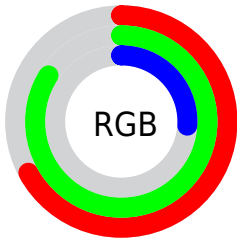
Format	Color
RYB	66, 214, 109
Decimal	11261506
CIELab	80.26, -34.61, 65.07
CIELCh	80, 73.702, 118.008
Yxy	57.1444, 0.3703, 0.5059
Android (android.graphics.Color)	4289451586 (0xFFABD642)
YUV	184.2710, -58.3076, -11.6387
Hunter-Lab	75.5939, -33.5291, 41.9510

Details

The Android color **4289451586** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **4285350614**, and the grayscale version is **4290361785**.

A 20% lighter version of the original color is **4293263226**, and **4285767424** is the 20% darker color. If you saturate the color by 10%, you get **4289058349**, and if you desaturate by 10%, it is **4289844823**.

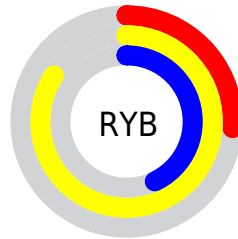
Distribution



Red (67%)

Green (84%)

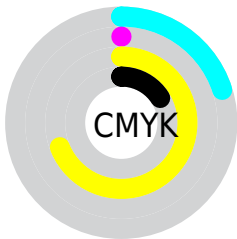
Blue (26%)



Red (26%)

Yellow (84%)

Blue (43%)

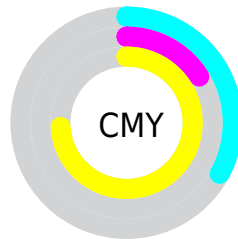


Cyan (20%)

Magenta (0%)

Yellow (69%)

Black (16%)



Cyan (33%)

Magenta (16%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289451586 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 4289451586 by changing the saturation by 10% instead.



4289451586



4289451586

4294967295



4287609379



4293263226



4285767424



4294967190



4283925760



4294967218



4282149632



4294967247



4280177408



4294967276



4278205184



4278199808



4278190592



4278190080

 4289451586

 4289451586

 4289058349

 4289844823

 4288665111

 4290238061

 4288206338

 4290696834

 4288206336

 4291090072

 4291483309

 4291876546

 4292335320

 4292728557

 4293121791

Harmonies

Analogous

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



4293902894



4289451586



4282835578

Triad

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



4289451586



4278247679



4294936271

Complementary

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



4289451586



4285350614

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.



4294941183



4289451586



4278243583

Square

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



4289451586



4278249471



4290754559



4294938251

Rectangle

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



4289451586



4278249128



4290754559



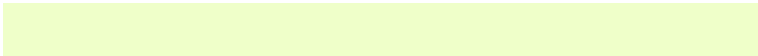
4294937318

Sweetspot

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



4289451586



4293918665



4292242498



4285956192



4278190080



4286611584

Same Dimension

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



4289451586



4290969387



4284667458



4285033312



4286163712



4280232704

Inverse Universe

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



4285350614



4285082623



4290134742



4284768363



4281467051



4279042091

Previews

White Background



This preview shows how the Android color 4289451586 looks on a white background.

Color Contrast Check

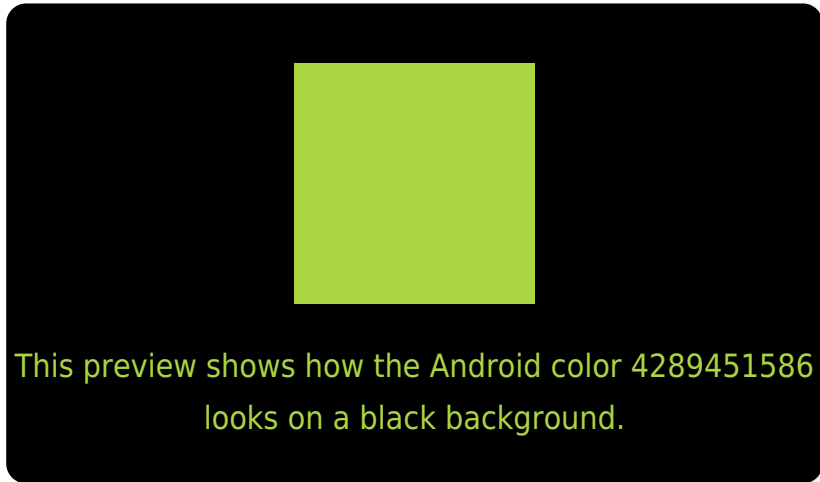
Large Text (above 18pt) WCAG AA × Fail

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 4289451586 Background



This preview shows how black text looks on a background with the Android color 4289451586.



This preview shows how white text looks on a background with the Android color 4289451586.

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
4289451586

Protanopia
4292790078

Deuteranopia
4294425931

Trichromacy



Original Color
4289451586

Protanomaly
4291546175

Deuteranomaly
4292593224

Tritanomaly
4290170273

Monochromacy



Original Color
4289451586

Achromatopsia
4290295992

Achromatomaly
4289971085

CSS Examples

Text

The CSS property to change the color of the text to Android 4289451586 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(171, 214, 66)` looks like.

```
.text, #text, p{  
    color:rgb(171, 214, 66)  
}
```

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(171, 214, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 214, 66) }
```

Border

The CSS property to change the border of an element to Android 4289451586 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(171, 214, 66) }
```

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

```
.border{ border-color:rgb(171, 214, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 214, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 214, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 214, 66);  
box-shadow:4px 4px 4px 4px rgb(171, 214,  
66) }
```

Background

The CSS property to change the background color of an element to Android 4289451586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 214, 66) }
```

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

```
.background{ background-color: rgb(171,  
214, 66) }
```

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