

# Converting Colors

Android(4288528500)

Have a look what the booklet for  
Android(4288528500) contains.

<b>Android(4288528500)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4288528500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9DC074
RGB	157, 192, 116
RGB Percent	62%, 75%, 45%
CMY	0.3843, 0.2471, 0.5451
CMYK	0.18, 0.00, 0.40, 0.25
HSL	88°, 38%, 60%
HSV	88°, 40%, 75%
XYZ	35.9067, 46.1283, 23.5342
YIQ	172.8710, 3.5360, -31.0560

# Conversions

## Conversions Part 2

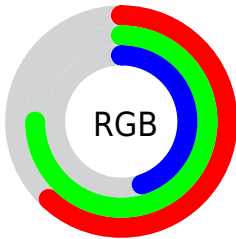
Format	Color
<a href="#">RYB</a>	<a href="#">116, 192, 151</a>
Decimal	<a href="#">10338420</a>
CIELab	<a href="#">73.63, -24.88, 34.51</a>
CIELCh	<a href="#">74, 42.540, 125.793</a>
Yxy	<a href="#">46.1283, 0.3401, 0.4369</a>
Android (android.graphics.Color)	<a href="#">4288528500 (0xFF9DC074)</a>
YUV	<a href="#">172.8710, -28.0374, -13.9189</a>
Hunter-Lab	<a href="#">67.9178, -24.4872, 26.9979</a>

# Details

The Android color `4288528500` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4288115904`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4292213161`, and `4285041218` is the 20% darker color. If you saturate the color by 10%, you get `4287938657`, and if you desaturate by 10%, it is `4289118343`.

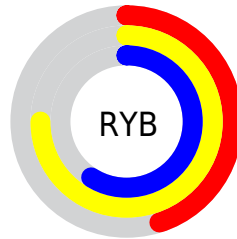
# Distribution



Red (62%)

Green (75%)

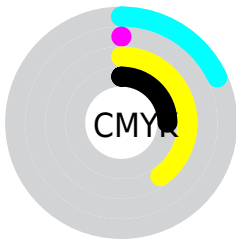
Blue (45%)



Red (45%)

Yellow (75%)

Blue (59%)

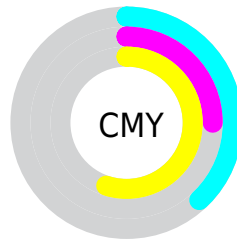


Cyan (18%)

Magenta (0%)

Yellow (40%)

Black (25%)



Cyan (38%)

Magenta (25%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288528500 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 4288528500 by changing the saturation by 10% instead.





4288528500



4288528500

4294967295



4286752091



4292213161



4285041218



4294049732



4283396394



4294967265



4281751570

4294967294



4280172800



4278462976



4278195456



4278190080



4288528500



4288528500

 4287938657

 4289118343

 4287348814

 4289708186

 4286758970

 4290298030

 4286234663

 4290822337

 4285644820

 4291412180

 4285054977

 4292002023

 4285054976

 4292591866

 4293181695

 4293771519

# Harmonies

## Analogous

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



4291278182



4288528500



4285319060

# Triad

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



4288528500



4281778683



4294940335

# Complementary

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



4288528500



4288115904

# 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.



4293696470



4288528500



4287084287

# Square

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



4288528500



4278241505



4291012852



4294810505

# Rectangle

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



4288528500



4282698158



4291012852



4294678204

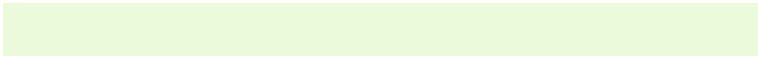


# Sweetspot

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



4288528500



4293720796



4290811508



4285889899



4294769916



4286414205



# Same Dimension

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



4288528500



4291033730



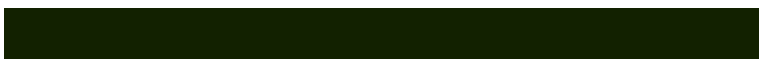
4286103668



4284244311



4283932928



4279378176



# Inverse Universe

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



4288115904



4290347770



4290540736



4284241761



4283039905



4279173153



# Previews

## White Background



This preview shows how the Android color 4288528500 looks on a white background.

## Color Contrast Check

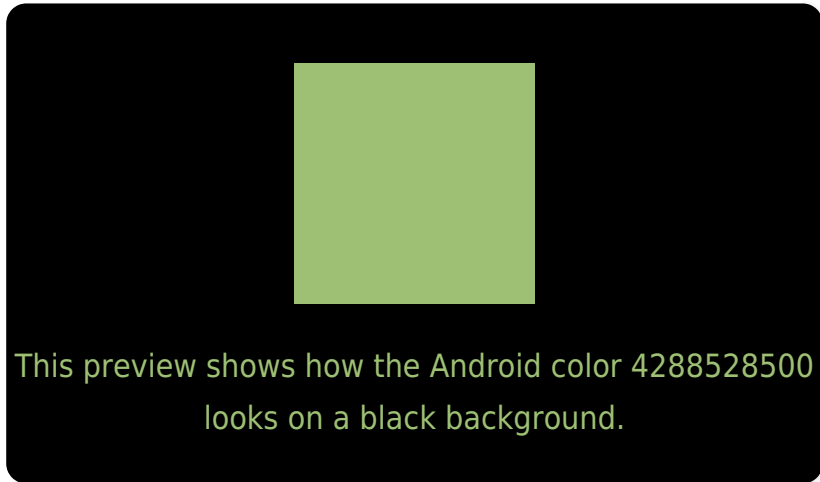
Large Text (above 18pt) WCAG AA × Fail

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 4288528500 Background



This preview shows how black text looks on a background with the Android color 4288528500.



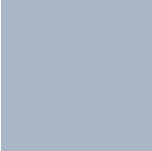
This preview shows how white text looks on a background with the Android color 4288528500.

# 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**  
4289246917

# Trichromacy



**Original Color**  
4288528500

**Protanomaly**  
4290164849

**Deuteranomaly**  
4291015799

**Tritanomaly**  
4288985768

# Monochromacy



**Original Color**  
4288528500

**Achromatopsia**  
4289572269

**Achromatomaly**  
4289180824

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288528500 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(157, 192, 116)` looks like.

```
.text, #text, p{  
    color:rgb(157, 192, 116)  
}
```

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(157, 192, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 192, 116) }
```

## Border

The CSS property to change the border of an element to Android 4288528500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

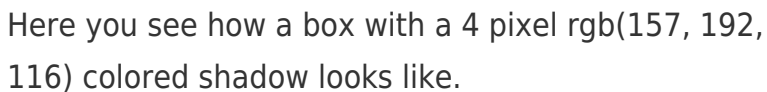
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 192, 116) }
```

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

```
.border{ border-color:rgb(157, 192, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 192, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 192, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 192, 116);  
box-shadow:4px 4px 4px 4px rgb(157, 192,  
116) }
```

# Background

The CSS property to change the background color of an element to Android 4288528500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 192, 116) }
```

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

```
.background{ background-color: rgb(157,  
192, 116) }
```

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