

# Converting Colors

Android(4289373522)

Have a look what the booklet for  
Android(4289373522) contains.

<b>Android(4289373522)</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(4289373522)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAA552
RGB	170, 165, 82
RGB Percent	67%, 65%, 32%
CMY	0.3333, 0.3529, 0.6784
CMYK	0.00, 0.03, 0.52, 0.33
HSL	57°, 35%, 49%
HSV	57°, 52%, 67%
XYZ	31.5557, 36.0655, 13.2808
YIQ	157.0330, 29.6230, -24.7530

# Conversions

## Conversions Part 2

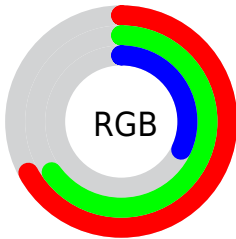
Format	Color
<a href="#">RYB</a>	<a href="#">87, 170, 82</a>
Decimal	<a href="#">11183442</a>
CIELab	<a href="#">66.57, -9.69, 43.18</a>
CIElCh	<a href="#">67, 44.249, 102.645</a>
Yxy	<a href="#">36.0655, 0.3900, 0.4458</a>
Android (android.graphics.Color)	<a href="#">4289373522 (0xFFAAA552)</a>
YUV	<a href="#">157.0330, -36.9913, 11.3721</a>
Hunter-Lab	<a href="#">60.0546, -11.3026, 28.9265</a>

# Details

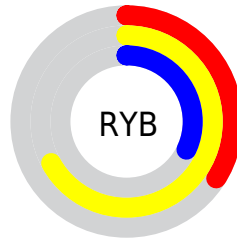
The Android color `4289373522` is a dark color, and the websafe version is hex `999933`. A complement of this color would be `4283586474`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4293123206`, and `4285821216` is the 20% darker color. If you saturate the color by 10%, you get `4289373249`, and if you desaturate by 10%, it is `4289373795`.

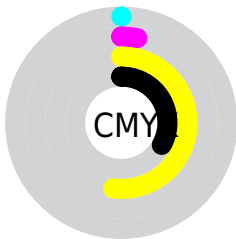
# Distribution



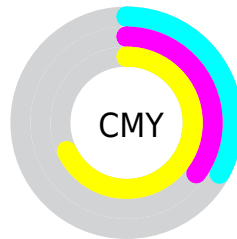
- Red (67%)
- Green (65%)
- Blue (32%)



- Red (34%)
- Yellow (67%)
- Blue (32%)



- Cyan (0%)
- Magenta (3%)
- Yellow (52%)
- Black (33%)



- Cyan (33%)
- Magenta (35%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289373522 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 4289373522 by changing the saturation by 10% instead.





4289373522



4289373522

4294967295



4287531833



4293123206



4285821216



4294965408



4284111106



4294967228



4282466816



4294967256



4280822784



4294967285



4278982656



4278190080



4289373522



4289373522



4289373249



4289373795

 4289372976

 4289374068

 4289372703

 4289374341

 4289372430

 4289374614

 4289372160

 4289374887

 4289375160

 4289375433

 4289375706

 4289375979

# Harmonies

## Analogous

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



4291729238



4289373522



4286492518

# Triad

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



4289373522



4278236375



4292904379

# Complementary

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



4289373522



4283586474

# 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.



4290482653



4289373522



4279938541

# Square

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



4289373522



4278237106



4286619887



4293821074

# Rectangle

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



4289373522



4284199804



4286619887



4292249799

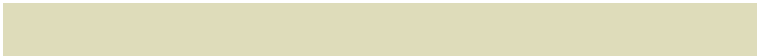


# Sweetspot

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



4289373522



4292795578



4289352280



4285558619



4293980400



4285558896



# Same Dimension

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



4289373522



4292793940



4286884434



4283716684



4287924992



4279505664



# Inverse Universe

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



4283586474



4283718878



4286075562



4283190356



4278192276



4278190356



# Previews

## White Background



This preview shows how the Android color 4289373522 looks on a white background.

## Color Contrast Check

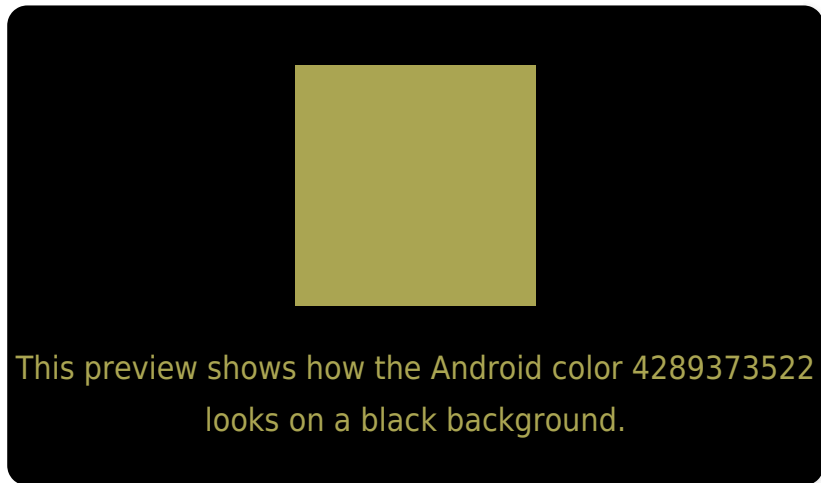
Large Text (above 18pt) WCAG AA × Fail

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 4289373522 Background



This preview shows how black text looks on a background with the Android color 4289373522.



This preview shows how white text looks on a background with the Android color 4289373522.

# 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**  
4289373522

**Protanopia**  
4289962577

**Deuteranopia**  
4291271253



**Tritanopia**  
4289961128

# Trichromacy



**Original Color**

4289373522

**Protanomaly**

4289766225

**Deuteranomaly**

4290551380

**Tritanomaly**

4289765257

# Monochromacy



**Original Color**

4289373522

**Achromatopsia**

4288519581

**Achromatomaly**

4288848002

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289373522 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(170, 165, 82)` looks like.

```
.text, #text, p{  
    color:rgb(170, 165, 82)  
}
```

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(170, 165, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 165, 82) }
```

## Border

The CSS property to change the border of an element to Android 4289373522 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(170, 165, 82) }
```

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

```
.border{ border-color:rgb(170, 165, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 165, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 165, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 165, 82);  
box-shadow:4px 4px 4px 4px rgb(170, 165,  
82) }
```

# Background

The CSS property to change the background color of an element to Android 4289373522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 165, 82) }
```

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

```
.background{ background-color: rgb(170,  
165, 82) }
```

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