

# Converting Colors

Android(4288593273)

Have a look what the booklet for  
Android(4288593273) contains.

<b>Android(4288593273)</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(4288593273)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9EBD79
RGB	158, 189, 121
RGB Percent	62%, 74%, 47%
CMY	0.3804, 0.2588, 0.5255
CMYK	0.16, 0.00, 0.36, 0.26
HSL	87°, 34%, 61%
HSV	87°, 36%, 74%
XYZ	35.7493, 45.0448, 24.8995
YIQ	171.9790, 3.3520, -27.7200

# Conversions

## Conversions Part 2

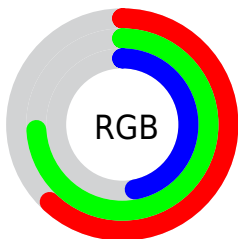
Format	Color
<a href="#">RYB</a>	<a href="#">121, 189, 152</a>
Decimal	<a href="#">10403193</a>
CIELab	<a href="#">72.92, -22.36, 31.01</a>
CIElCh	<a href="#">73, 38.230, 125.795</a>
Yxy	<a href="#">45.0448, 0.3382, 0.4262</a>
Android (android.graphics.Color)	<a href="#">4288593273 (0xFF9EBD79)</a>
YUV	<a href="#">171.9790, -25.1326, -12.2596</a>
Hunter-Lab	<a href="#">67.1154, -22.3731, 24.9845</a>

# Details

The Android color `4288593273` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4288182717`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4292212142`, and `4285106247` is the 20% darker color. If you saturate the color by 10%, you get `4288003430`, and if you desaturate by 10%, it is `4289183116`.

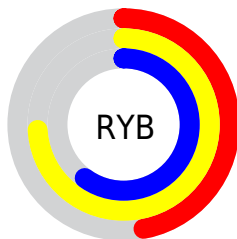
# Distribution



Red (62%)

Green (74%)

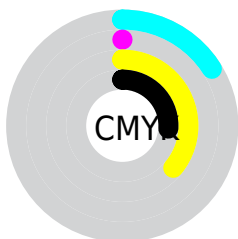
Blue (47%)



Red (47%)

Yellow (74%)

Blue (60%)

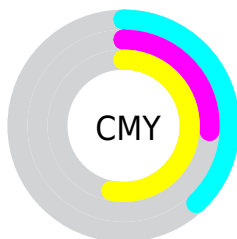


Cyan (16%)

Magenta (0%)

Yellow (36%)

Black (26%)



Cyan (38%)

Magenta (26%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288593273 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 4288593273 by changing the saturation by 10% instead.





4288593273



4288593273

4294967295



4286816864



4292212142



4285106247



4294115274



4283461168



4294967270



4281882136



4280303104



4278724608



4278194688



4278190080



4288593273



4288593273

 4288003430

 4289183116

 4287479123

 4289707423

 4286889280

 4290297266

 4286364973

 4290821573

 4285775131

 4291411416

 4285185288

 4292001258

 4284988672

 4292525565

 4293115391

 4293705215

# Harmonies

## Analogous

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



4291081069



4288593273



4285776789

# Triad

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



4288593273



4283481842



4294351021

# Complementary

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



4288593273



4288182717

# 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.



4293237968



4288593273



4287411448

# Square

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



4288593273



4280534235



4290815980



4294220940

# Rectangle

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



4288593273



4283745709



4290815980



4294154425



# Sweetspot

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



4288593273



4293522906



4290615417



4285758058



4294638330



4286216826

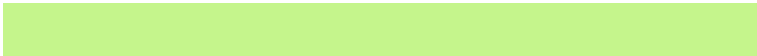


# Same Dimension

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



4288593273



4291163532



4286365049



4284112469



4283866624



4279312128



# Inverse Universe

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



4288182717



4290546933



4290410941



4284044638



4282908830



4279107615



# Previews

## White Background



This preview shows how the Android color 4288593273 looks on a white background.

## Color Contrast Check

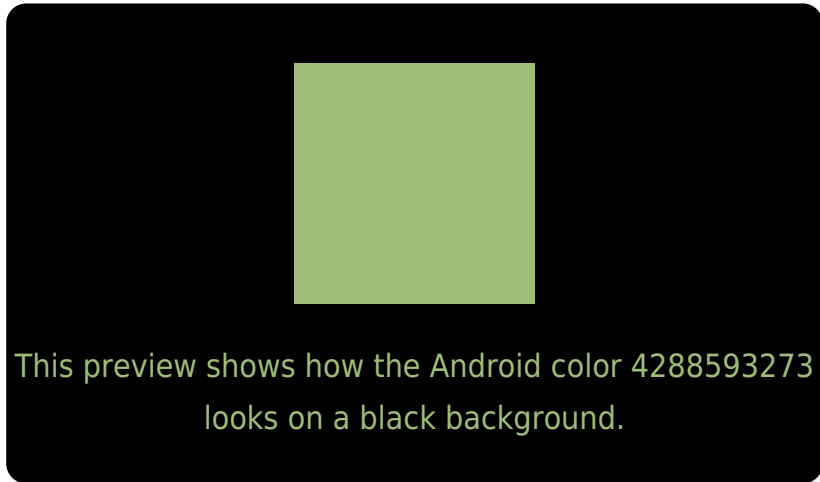
Large Text (above 18pt) WCAG AA × Fail

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 4288593273 Background



This preview shows how black text looks on a background with the Android color 4288593273.



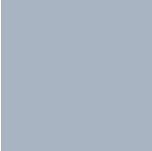
This preview shows how white text looks on a background with the Android color 4288593273.

# 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**  
4289246402

# Trichromacy



**Original Color**  
4288593273

**Protanomaly**  
4290099062

**Deuteranomaly**  
4290884220

**Tritanomaly**  
4288984999

# Monochromacy



**Original Color**  
4288593273

**Achromatopsia**  
4289506476

**Achromatomaly**  
4289180313

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288593273 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(158, 189, 121)` looks like.

```
.text, #text, p{  
    color:rgb(158, 189, 121)  
}
```

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(158, 189, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 189, 121) }
```

## Border

The CSS property to change the border of an element to Android 4288593273 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(158, 189, 121) }
```

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

```
.border{ border-color:rgb(158, 189, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 189, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 189, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 189, 121);  
box-shadow:4px 4px 4px 4px rgb(158, 189,  
121) }
```

# Background

The CSS property to change the background color of an element to Android 4288593273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 189, 121) }
```

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

```
.background{ background-color: rgb(158,  
189, 121) }
```

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