

# Converting Colors

Android(4288005266)

Have a look what the booklet for  
Android(4288005266) contains.

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# **Color**

**Android(4288005266)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95C492
RGB	149, 196, 146
RGB Percent	58%, 77%, 57%
CMY	0.4157, 0.2314, 0.4275
CMYK	0.24, 0.00, 0.26, 0.23
HSL	116°, 30%, 67%
HSV	116°, 26%, 77%
XYZ	37.3227, 47.9447, 34.4813
YIQ	176.2470, -11.9620, -25.5140

# Conversions

## Conversions Part 2

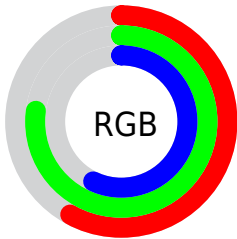
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 196, 193
Decimal	9815186
CIELab	74.79, -25.20, 20.21
CIELCh	75, 32.300, 141.265
Yxy	47.9447, 0.3117, 0.4004
Android (android.graphics.Color)	4288005266 (0xFF95C492)
YUV	176.2470, -14.9118, -23.8956
Hunter-Lab	69.2421, -24.9593, 18.9442

# Details

The Android color `4288005266` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4290876100`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4291624392`, and `4284583519` is the 20% darker color. If you saturate the color by 10%, you get `4286825598`, and if you desaturate by 10%, it is `4289184934`.

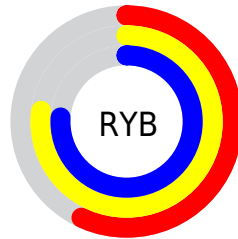
# Distribution



Red (58%)

Green (77%)

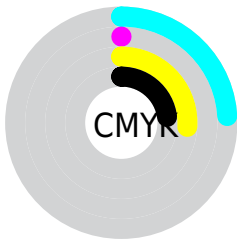
Blue (57%)



Red (57%)

Yellow (77%)

Blue (76%)

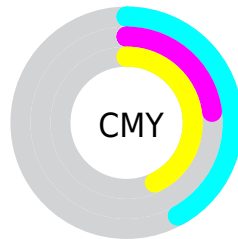


Cyan (24%)

Magenta (0%)

Yellow (26%)

Black (23%)



Cyan (42%)

Magenta (23%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288005266 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 4288005266 by changing the saturation by 10% instead.





4288005266



4288005266

4294967295



4286294392



4291624392



4284583519



4293459940



4282938439



4281359152



4279714843



4278201602



4278196480



4278190080



4288005266



4288005266


 4286825598

 4289184934

 4285580395

 4290430137

 4284400727

 4291609805

 4283155524

 4292855008

 4281975856

 4294034676

 4280730652

 4294952191

 4279550985

 4279026688

# Harmonies

## Analogous

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



4290231680



4288005266



4285778094

# Triad

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



4288005266



4286889714



4294222756

# Complementary

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



4288005266



4290876100

# 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.



4293764034



4288005266



4289770735

# Square

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



4288005266



4284466661



4292258270



4293634443

# Rectangle

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



4288005266



4284533187



4292258270



4294156974



# Sweetspot

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



4288005266



4293722091



4291084690



4285825139



4278190080



4286611584

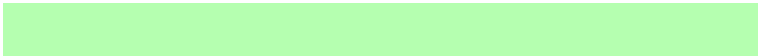


# Same Dimension

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



4288005266



4290117552



4287808680



4283982167



4278886656



4278329600



# Inverse Universe

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



4290876100



4294619391



4291072686



4284503905



4288086177



4280221729



# Previews

## White Background



This preview shows how the Android color 4288005266 looks on a white background.

## Color Contrast Check

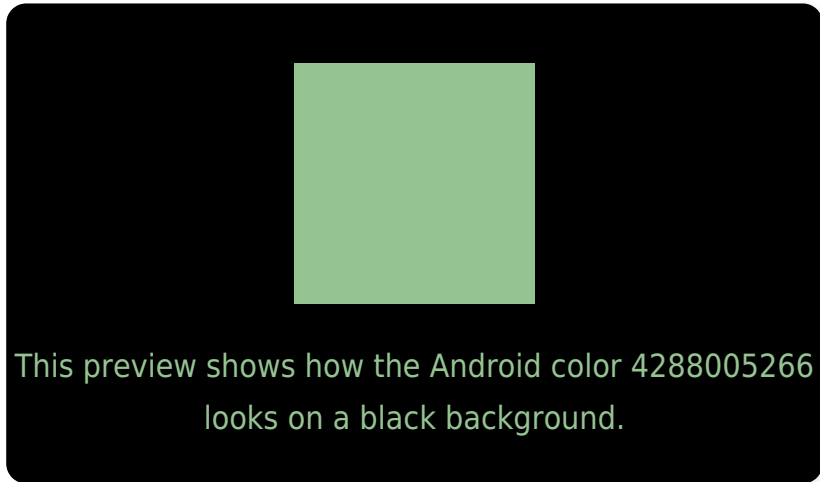
Large Text (above 18pt) WCAG AA × Fail

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 4288005266 Background



This preview shows how black text looks on a background with the Android color 4288005266.



This preview shows how white text looks on a background with the Android color 4288005266.

# 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**  
4288005266

**Protanomaly**  
4289969294

**Deuteranomaly**  
4290688917

**Tritanomaly**  
4288397238

# Monochromacy



**Original Color**  
4288005266

**Achromatopsia**  
4289769648

**Achromatomaly**  
4289116069

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288005266 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(149, 196, 146)` looks like.

```
.text, #text, p{  
    color:rgb(149, 196, 146)  
}
```

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(149, 196, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 196, 146) }
```

## Border

The CSS property to change the border of an element to Android 4288005266 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(149, 196, 146) }
```

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

```
.border{ border-color:rgb(149, 196, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 196, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 196, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 196, 146);  
box-shadow:4px 4px 4px 4px rgb(149, 196,  
146) }
```

# Background

The CSS property to change the background color of an element to Android 4288005266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 196, 146) }
```

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

```
.background{ background-color: rgb(149,  
196, 146) }
```

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](#).



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