

# Converting Colors

Android(4288001940)

Have a look what the booklet for  
Android(4288001940) contains.

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# Color

**Android(4288001940)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95B794
RGB	149, 183, 148
RGB Percent	58%, 72%, 58%
CMY	0.4157, 0.2824, 0.4196
CMYK	0.19, 0.00, 0.19, 0.28
HSL	118°, 20%, 65%
HSV	118°, 19%, 72%
XYZ	34.6732, 42.3947, 34.3725
YIQ	168.8440, -9.0290, -18.0930

# Conversions

## Conversions Part 2

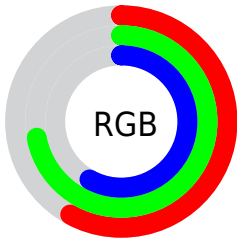
Format	Color
<a href="#">RYB</a>	<a href="#">148, 183, 182</a>
Decimal	<a href="#">9811860</a>
<a href="#">CIELab</a>	<a href="#">71.14, -18.35, 14.07</a>
<a href="#">CIElCh</a>	<a href="#">71, 23.120, 142.529</a>
<a href="#">Yxy</a>	<a href="#">42.3947, 0.3111, 0.3804</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4288001940 (0xFF95B794)</a>
<a href="#">YUV</a>	<a href="#">168.8440, -10.2761, -17.4032</a>
<a href="#">Hunter-Lab</a>	<a href="#">65.1112, -18.8892, 14.2784</a>

# Details

The Android color `4288001940` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4290155703`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4291555274`, and `4284645985` is the 20% darker color. If you saturate the color by 10%, you get `4286822274`, and if you desaturate by 10%, it is `4289181606`.

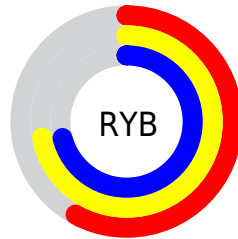
# Distribution



Red (58%)

Green (72%)

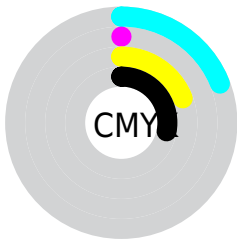
Blue (58%)



Red (58%)

Yellow (72%)

Blue (71%)

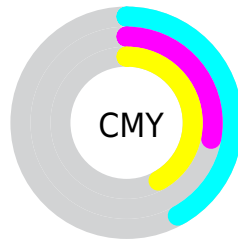


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (28%)



Cyan (42%)

Magenta (28%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288001940 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 4288001940 by changing the saturation by 10% instead.




 4288001940

 4288001940

4294967295

 4286291066

 4291555274

 4284645985

 4293459942

 4283001161

 4281487411

 4279974173

 4278657797

 4278192128

 4278190080

 4288001940

 4288001940

 4286822274

 4289181606

 4285642607

 4290361273

 4284528477

 4291475403

 4283348811

 4292655069

 4282169145

 4293834736

 4280989478

 4294948863

 4279875348

 4278695682

 4278564608

# Harmonies

## Analogous

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



4289573511



4288001940



4286560936

# Triad

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



4288001940



4287541975



4292518047

# Complementary

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



4288001940



4290155703

# 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.



4292190388



4288001940



4289440725

# Square

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



4288001940



4286101455



4291077320



4292060302

# Rectangle

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



4288001940



4285905590



4291077320



4292452262

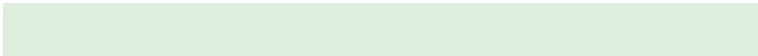


# Sweetspot

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



4288001940



4292865503



4290229908



4285560943



4294440951



4286085240

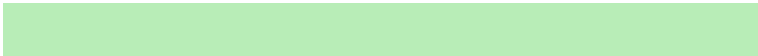


# Same Dimension

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



4288001940



4290309559



4287936420



4283653203



4278492160



4278262784



# Inverse Universe

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



4290155703



4293703661



4290221223



4284240732



4288086172

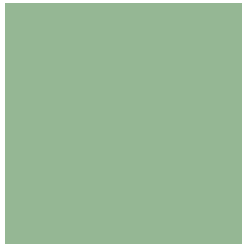


4279959580



# Previews

## White Background



This preview shows how the Android color 4288001940 looks on a white background.

## Color Contrast Check

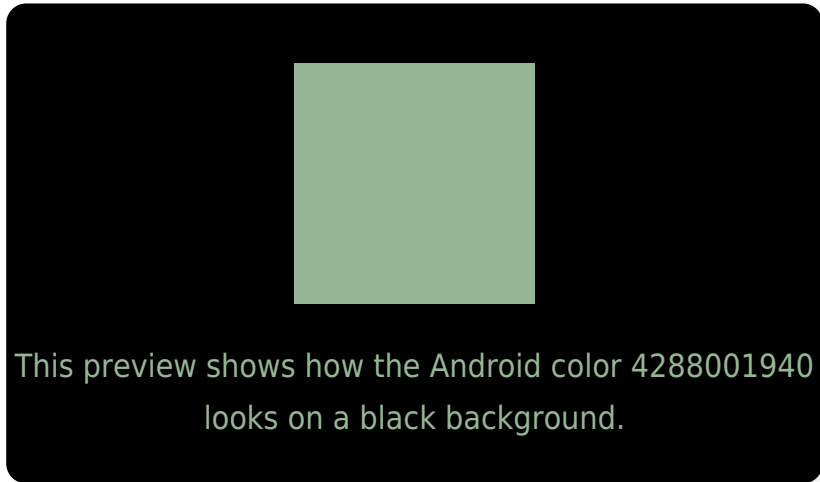
Large Text (above 18pt) WCAG AA × Fail

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 4288001940 Background



This preview shows how black text looks on a background with the Android color 4288001940.



This preview shows how white text looks on a background with the Android color 4288001940.

# 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**  
4288001940

**Protanopia**  
4290293135

**Deuteranopia**  
4291274647



# Trichromacy



**Original Color**  
4288001940

**Protanomaly**  
4289442193

**Deuteranomaly**  
4290096534

**Tritanomaly**  
4288263087

# Monochromacy



**Original Color**  
4288001940

**Achromatopsia**  
4289309097

**Achromatomaly**  
4288851617

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288001940 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, 183, 148)` looks like.

```
.text, #text, p{  
    color:rgb(149, 183, 148)  
}
```

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, 183, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 183, 148) }
```

## Border

The CSS property to change the border of an element to Android 4288001940 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, 183, 148) }
```

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

```
.border{ border-color:rgb(149, 183, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 183, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 183, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 183, 148);  
box-shadow:4px 4px 4px 4px rgb(149, 183,  
148) }
```

# Background

The CSS property to change the background color of an element to Android 4288001940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 183, 148) }
```

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

```
.background{ background-color: rgb(149,  
183, 148) }
```

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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