

# Converting Colors

Android(4283935094)

Have a look what the booklet for  
Android(4283935094) contains.

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**Color**

**Android(4283935094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57A976
RGB	87, 169, 118
RGB Percent	34%, 66%, 46%
CMY	0.6588, 0.3373, 0.5373
CMYK	0.49, 0.00, 0.30, 0.34
HSL	143°, 32%, 50%
HSV	143°, 49%, 66%
XYZ	21.3885, 31.7102, 22.1329
YIQ	138.6680, -32.5010, -33.2450

# Conversions

## Conversions Part 2

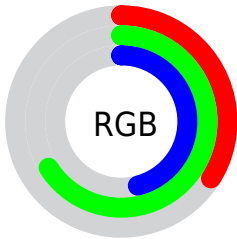
Format	Color
<a href="#">RYB</a>	<a href="#">87, 147, 169</a>
Decimal	<a href="#">5745014</a>
CIELab	<a href="#">63.10, -36.84, 18.79</a>
CIELCh	<a href="#">63, 41.351, 152.975</a>
Yxy	<a href="#">31.7102, 0.2843, 0.4215</a>
Android (android.graphics.Color)	<a href="#">4283935094 (0xFF57A976)</a>
YUV	<a href="#">138.6680, -10.1893, -45.3128</a>
Hunter-Lab	<a href="#">56.3118, -30.7474, 16.1148</a>

# Details

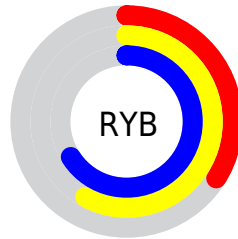
The Android color `4283935094` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289288074`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4287488426`, and `4280185925` is the 20% darker color. If you saturate the color by 10%, you get `4282820971`, and if you desaturate by 10%, it is `4285049217`.

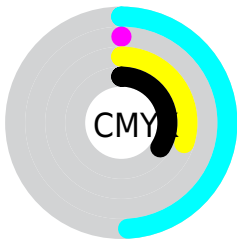
# Distribution



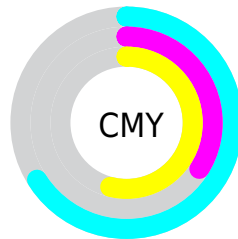
- Red (34%)
- Green (66%)
- Blue (46%)



- Red (34%)
- Yellow (58%)
- Blue (66%)



- Cyan (49%)
- Magenta (0%)
- Yellow (30%)
- Black (34%)



- Cyan (66%)
- Magenta (34%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283935094 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 4283935094 by changing the saturation by 10% instead.





4283935094



4283935094

4294967295



4282158685



4287488426



4280185925



4289330886



4278213423



4291231714



4278207257



4293066751



4278201344



4278194944



4278190080



4283935094




4283935094



4282820971



4285049217

 4281706849

 4286163339

 4280592726

 4287277462

 4279478604

 4288391584

 4278430017

 4289440171

 4278233408

 4290554293

 4291668416

 4292782538

 4293896661

# Harmonies

## Analogous

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



4287013465



4283935094



4278234267

# Triad

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



4283935094



4284783586



4292640627

# Complementary

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



4283935094



4289288074

# 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.



4292705174



4283935094



4288777942

# Square

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



4283935094



4278232537



4291461563



4291464024

# Rectangle

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



4283935094



4278234292



4291461563



4292836734



# Sweetspot

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



4283935094



4290436039



4287342935



4284116577



4293783021



4285427310



# Same Dimension

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



4283935094



4284275596



4283935134



4283192399



4278228024



4278195208



# Inverse Universe

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



4289288074



4292566187



4289288034



4283714641



4287889500



4279500813



# Previews

## White Background



This preview shows how the Android color 4283935094 looks on a white background.

## Color Contrast Check

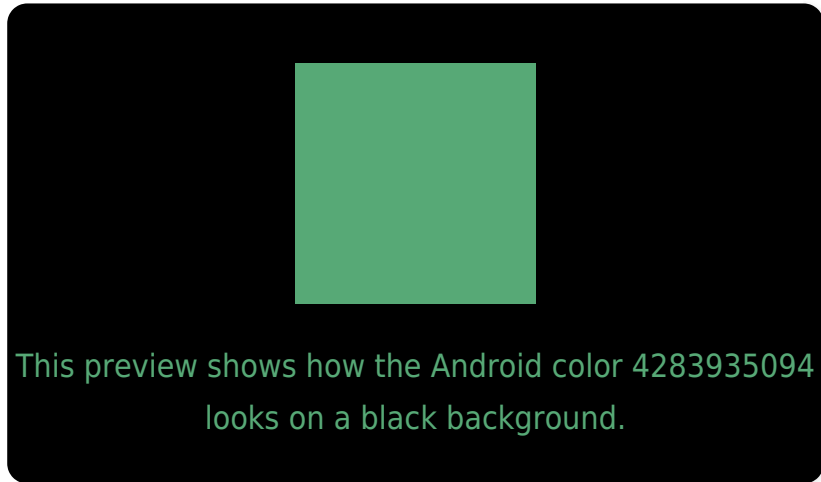
Large Text (above 18pt) WCAG AA × Fail

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 4283935094 Background



This preview shows how black text looks on a background with the Android color 4283935094.



This preview shows how white text looks on a background with the Android color 4283935094.

# 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**  
4283935094

**Protanopia**  
4288911470

**Deuteranopia**  
4289761915



# Trichromacy



**Original Color**

4283935094



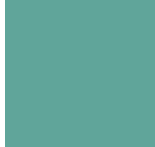
**Protanomaly**

4287078001



**Deuteranomaly**

4287666809



**Tritanomaly**

4284523930

# Monochromacy



**Original Color**

4283935094



**Achromatopsia**

4287335307



**Achromatomaly**

4286092931

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283935094 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(87, 169, 118)` looks like.

```
.text, #text, p{  
    color:rgb(87, 169, 118)  
}
```

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(87, 169, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 169, 118) }
```

## Border

The CSS property to change the border of an element to Android 4283935094 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(87, 169, 118) }
```

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

```
.border{ border-color:rgb(87, 169, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 169, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 169, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 169, 118);  
box-shadow:4px 4px 4px 4px rgb(87, 169,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4283935094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 169, 118) }
```

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

```
.background{ background-color: rgb(87, 169,  
118) }
```

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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