

# Converting Colors

Android(4284271007)

Have a look what the booklet for  
Android(4284271007) contains.

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**Color**

**Android(4284271007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CC99F
RGB	92, 201, 159
RGB Percent	36%, 79%, 62%
CMY	0.6392, 0.2118, 0.3765
CMYK	0.54, 0.00, 0.21, 0.21
HSL	157°, 50%, 57%
HSV	157°, 54%, 79%
XYZ	31.5583, 46.5518, 40.1230
YIQ	163.6210, -51.4820, -36.1700

# Conversions

## Conversions Part 2

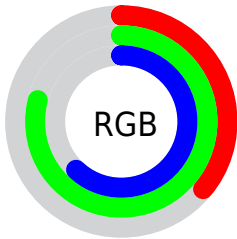
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 160, 201
Decimal	6080927
CIELab	73.90, -41.28, 11.62
CIELCh	74, 42.885, 164.282
Yxy	46.5518, 0.2669, 0.3937
Android (android.graphics.Color)	4284271007 (0xFF5CC99F)
YUV	163.6210, -2.2782, -62.8116
Hunter-Lab	68.2289, -36.8379, 12.8939

# Details

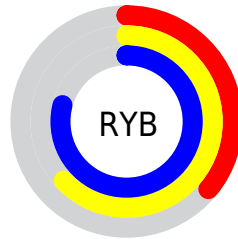
The Android color `4284271007` is a dark color, and the websafe version is hex `66CC99`. The color can be described as middle muted spring green. A complement of this color would be `4291386502`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4288085974`, and `4279800428` is the 20% darker color. If you saturate the color by 10%, you get `4282960279`, and if you desaturate by 10%, it is `4285581735`.

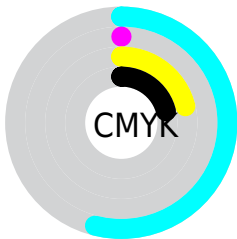
# Distribution



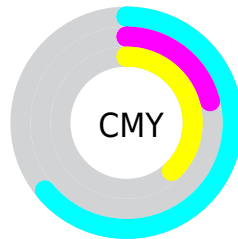
- Red (36%)
- Green (79%)
- Blue (62%)



- Red (36%)
- Yellow (63%)
- Blue (79%)



- Cyan (54%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)



- Cyan (64%)
- Magenta (21%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284271007 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 4284271007 by changing the saturation by 10% instead.



 4284271007

 4284271007

4294967295

 4282297733

 4288085974

 4279800428

 4289986546

 4278220883

 4291887103

 4278214204

 4293787647

 4278208038

 4278202130

 4278195712


 4278190080

 4284271007

 4284271007

 4282960279

 4285581735

 4281649552

 4286892462

 4280338824

 4288203190

 4279028096

 4289513918

 4278241660

 4290890182

 4292200909

 4293511637

 4294822365

 4294953445

# Harmonies

## Analogous

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



4287677308



4284271007



4278241992

# Triad

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



4284271007



4288328703



4294614912

# Complementary

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



4284271007



4291386502

# 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.



4294940580



4284271007



4291994862

# Square

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



4284271007



4283482367



4294285772



4292979818

# Rectangle

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



4284271007



4278241761



4294285772



4294941579

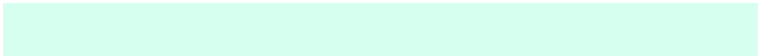


# Sweetspot

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



4284271007



4292280303



4287154524



4284973174



4278190080



4286611584



# Same Dimension

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



4284271007



4284088255



4284268233



4284113760



4278231908



4278199318



# Inverse Universe

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



4291386502



4294924697



4291389276



4284701277



4288872511

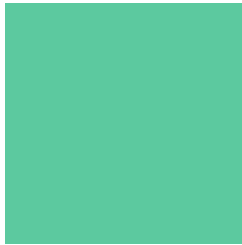


4280549390



# Previews

## White Background



This preview shows how the Android color 4284271007 looks on a white background.

## Color Contrast Check

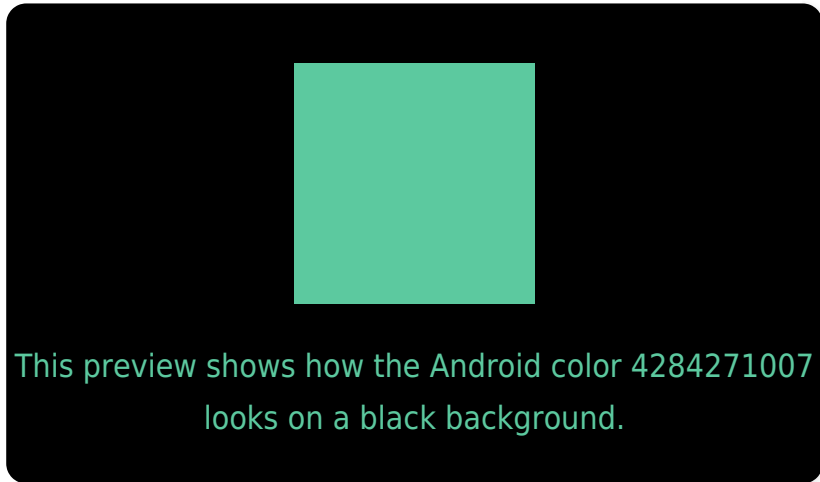
Large Text (above 18pt) WCAG AA × Fail

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 4284271007 Background



This preview shows how black text looks on a background with the Android color 4284271007.



This preview shows how white text looks on a background with the Android color 4284271007.

# 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**

4284271007



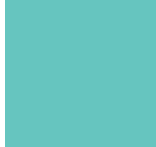
**Protanomaly**

4288396441



**Deuteranomaly**

4288919715



**Tritanomaly**

4284925375

# Monochromacy



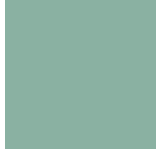
**Original Color**

4284271007



**Achromatopsia**

4288980132



**Achromatomaly**

4287279522

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284271007 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(92, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(92, 201, 159)  
}
```

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(92, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 201, 159) }
```

## Border

The CSS property to change the border of an element to Android 4284271007 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(92, 201, 159) }
```

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

```
.border{ border-color:rgb(92, 201, 159) }
```

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

Here you see how a box with a 4 pixel rgb(92, 201, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 201, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 201, 159);  
box-shadow:4px 4px 4px 4px rgb(92, 201,  
159) }
```

# Background

The CSS property to change the background color of an element to Android 4284271007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 201, 159) }
```

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

```
.background{ background-color: rgb(92, 201,  
159) }
```

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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