

# Converting Colors

Android(4283871090)

Have a look what the booklet for  
Android(4283871090) contains.

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# **Color**

**Android(4283871090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56AF72
RGB	86, 175, 114
RGB Percent	34%, 69%, 45%
CMY	0.6627, 0.3137, 0.5529
CMYK	0.51, 0.00, 0.35, 0.31
HSL	139°, 36%, 51%
HSV	139°, 51%, 69%
XYZ	22.2050, 33.8533, 21.2836
YIQ	141.4350, -33.4630, -37.8390

# Conversions

## Conversions Part 2

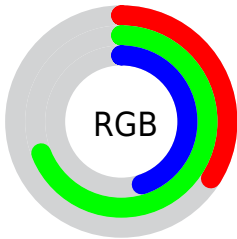
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 154, 175
Decimal	5681010
CIELab	64.85, -40.53, 23.32
CIElCh	65, 46.758, 150.086
Yxy	33.8533, 0.2871, 0.4377
Android (android.graphics.Color)	4283871090 (0xFF56AF72)
YUV	141.4350, -13.5255, -48.6165
Hunter-Lab	58.1836, -33.6991, 19.0402

# Details

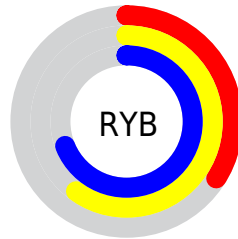
The Android color `4283871090` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289681043`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4287489958`, and `4279859777` is the 20% darker color. If you saturate the color by 10%, you get `4282756966`, and if you desaturate by 10%, it is `4285050750`.

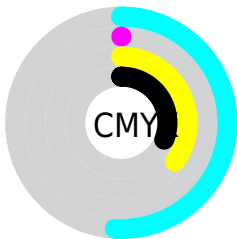
# Distribution



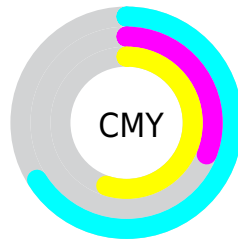
- Red (34%)
- Green (69%)
- Blue (45%)



- Red (34%)
- Yellow (60%)
- Blue (69%)



- Cyan (51%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)



- Cyan (66%)
- Magenta (31%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283871090 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 4283871090 by changing the saturation by 10% instead.



 4283871090

 4283871090

4294967295


 4282029145

 4287489958

 4279859777

 4289331138

 4278214698

 4291231710

 4278208532

 4293132282

 4278202368

 4278196736


 4278190080

 4283871090

 4283871090

 4282756966

 4285050750

 4281577306

 4286164874

 4280397646

 4287344534


 4279283522

 4288458658

 4278234935

 4289638318

 4290752442

 4291932102

 4293046226

 4294225886

# Harmonies

## Analogous

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



4287342418



4283871090



4278236060

# Triad

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



4283871090



4283605745



4293557878

# Complementary

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



4283871090



4289681043

# 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.



4293491359



4283871090



4288713446

# Square

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



4283871090



4278234341



4291920840



4292316245

# Rectangle

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



4283871090



4278236089



4291920840



4293688451



# Sweetspot

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



4283871090



4290896844



4287934294



4284380005



4294111986



4285756275



# Same Dimension

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



4283871090



4284081028



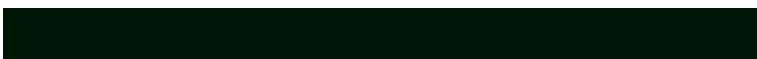
4283871133



4283324241



4278228527



4278195975



# Inverse Universe

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



4289681043



4293089719



4289681000



4283911764



4288020583



4279697424



# Previews

## White Background



This preview shows how the Android color 4283871090 looks on a white background.

## Color Contrast Check

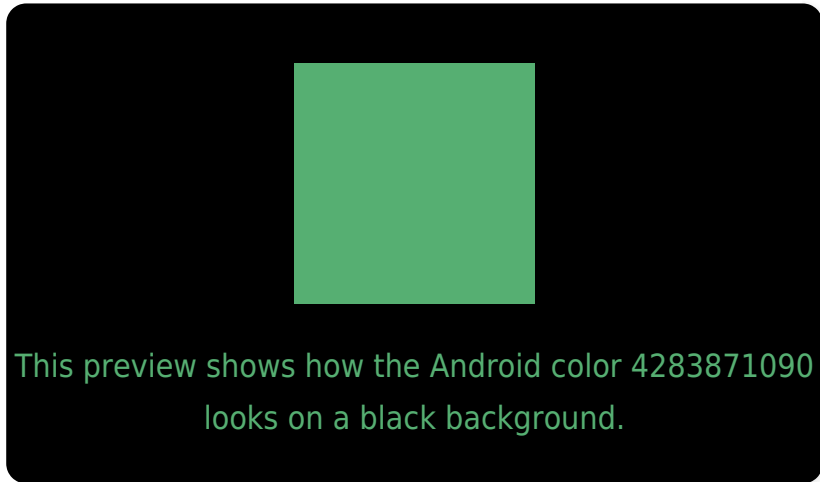
Large Text (above 18pt) WCAG AA × Fail

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

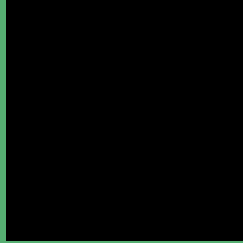
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283871090 Background



This preview shows how black text looks on a background with the Android color 4283871090.



This preview shows how white text looks on a background with the Android color 4283871090.

# 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



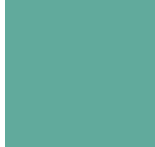
**Original Color**  
4283871090



**Protanomaly**  
4287341421



**Deuteranomaly**  
4287930230



**Tritanomaly**  
4284590748

# Monochromacy



**Original Color**  
4283871090



**Achromatopsia**  
4287466893



**Achromatomaly**  
4286159235

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283871090 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(86, 175, 114)` looks like.

```
.text, #text, p{  
    color:rgb(86, 175, 114)  
}
```

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(86, 175, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 175, 114) }
```

## Border

The CSS property to change the border of an element to Android 4283871090 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(86, 175, 114) }
```

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

```
.border{ border-color:rgb(86, 175, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 175, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 175, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 175, 114);  
box-shadow:4px 4px 4px 4px rgb(86, 175,  
114) }
```

# Background

The CSS property to change the background color of an element to Android 4283871090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 175, 114) }
```

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

```
.background{ background-color: rgb(86, 175,  
114) }
```

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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