

# Converting Colors

Android(4283873421)

Have a look what the booklet for  
Android(4283873421) contains.

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# **Color**

**Android(4283873421)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56B88D
RGB	86, 184, 141
RGB Percent	34%, 72%, 55%
CMY	0.6627, 0.2784, 0.4471
CMYK	0.53, 0.00, 0.23, 0.28
HSL	154°, 41%, 53%
HSV	154°, 53%, 72%
XYZ	25.7860, 38.1825, 31.2102
YIQ	149.7960, -44.6050, -34.1490

# Conversions

## Conversions Part 2

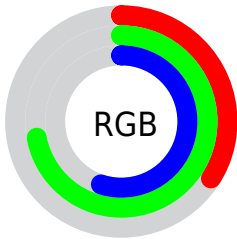
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 149, 184
Decimal	5683341
CIELab	68.15, -39.05, 13.23
CIELCh	68, 41.234, 161.291
Yxy	38.1825, 0.2709, 0.4012
Android (android.graphics.Color)	4283873421 (0xFF56B88D)
YUV	149.7960, -4.3364, -55.9491
Hunter-Lab	61.7920, -33.6475, 13.3079

# Details

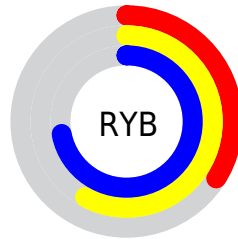
The Android color `4283873421` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290270849`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4287558083`, and `4279599707` is the 20% darker color. If you saturate the color by 10%, you get `4282693765`, and if you desaturate by 10%, it is `4285053077`.

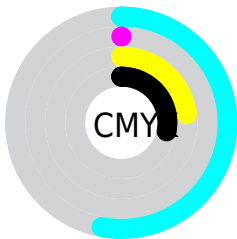
# Distribution



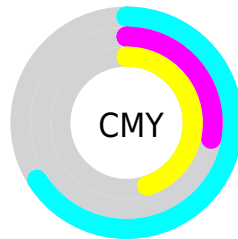
- Red (34%)
- Green (72%)
- Blue (55%)



- Red (34%)
- Yellow (58%)
- Blue (72%)



- Cyan (53%)
- Magenta (0%)
- Yellow (23%)
- Black (28%)



- Cyan (66%)
- Magenta (28%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283873421 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 4283873421 by changing the saturation by 10% instead.





4283873421



4283873421

4294967295



4281965939



4287558083



4279599707



4289462239



4278216771



4291297275



4278210605



4293263359



4278204440



4278199040



4278190080



4283873421



4283873421



4282693765



4285053077

 4281448573

 4286298269

 4280268917

 4287477925

 4279023725

 4288723117

 4278237287

 4289902773

 4291082429

 4292327622

 4293507278

 4294752470

# Harmonies

## Analogous

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



4287083117



4283873421



4278237875

# Triad

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



4283873421



4286948847



4293431159

# Complementary

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



4283873421



4290270849

# 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.



4293822617



4283873421



4290549726

# Square

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



4283873421



4281971180



4292906175



4291992672

# Rectangle

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



4283873421



4278237644



4292906175



4293692545



# Sweetspot

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



4283873421



4291424479



4286756950



4284577902



4294440951



4286085240



# Same Dimension

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



4283873421



4283887788



4283872184



4283653208



4278230103



4278197264



# Inverse Universe

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



4290270849



4293940890



4290272086



4284240727



4288413764



4280025100



# Previews

## White Background



This preview shows how the Android color 4283873421 looks on a white background.

## Color Contrast Check

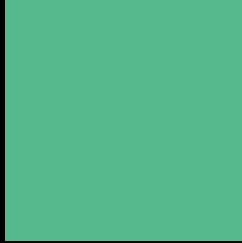
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4283873421 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

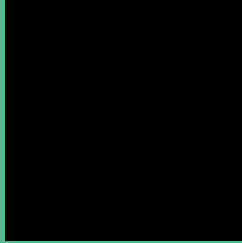
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283873421 Background



This preview shows how black text looks on a background with the Android color 4283873421.



This preview shows how white text looks on a background with the Android color 4283873421.

# 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



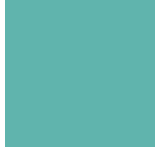
**Original Color**  
4283873421



**Protanomaly**  
4287605895



**Deuteranomaly**  
4288129168



**Tritanomaly**  
4284527789

# Monochromacy



**Original Color**  
4283873421



**Achromatopsia**  
4288059030



**Achromatomaly**  
4286554771

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283873421 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, 184, 141)` looks like.

```
.text, #text, p{  
    color:rgb(86, 184, 141)  
}
```

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, 184, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 184, 141) }
```

## Border

The CSS property to change the border of an element to Android 4283873421 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, 184, 141) }
```

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

```
.border{ border-color:rgb(86, 184, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 184, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 184, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 184, 141);  
box-shadow:4px 4px 4px 4px rgb(86, 184,  
141) }
```

# Background

The CSS property to change the background color of an element to Android 4283873421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 184, 141) }
```

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

```
.background{ background-color: rgb(86, 184,  
141) }
```

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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