

# Converting Colors

Android(4283675269)

Have a look what the booklet for  
Android(4283675269) contains.

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# **Color**

**Android(4283675269)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53B285
RGB	83, 178, 133
RGB Percent	33%, 70%, 52%
CMY	0.6745, 0.3020, 0.4784
CMYK	0.53, 0.00, 0.25, 0.30
HSL	152°, 38%, 51%
HSV	152°, 53%, 70%
XYZ	23.7213, 35.3732, 27.7678
YIQ	144.4650, -42.1750, -34.1350

# Conversions

## Conversions Part 2

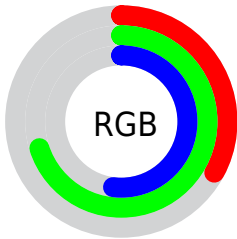
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 145, 178
Decimal	5485189
CIELab	66.04, -38.81, 14.61
CIElCh	66, 41.472, 159.366
Yxy	35.3732, 0.2731, 0.4072
Android (android.graphics.Color)	4283675269 (0xFF53B285)
YUV	144.4650, -5.6522, -53.9048
Hunter-Lab	59.4754, -32.8886, 13.9516

# Details

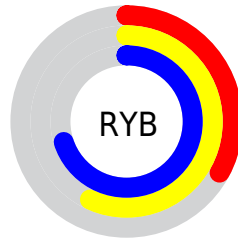
The Android color `4283675269` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4289876864`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4287359674`, and `4279336275` is the 20% darker color. If you saturate the color by 10%, you get `4282495613`, and if you desaturate by 10%, it is `4284854925`.

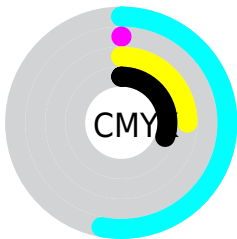
# Distribution



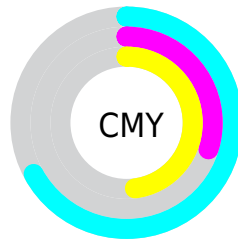
- Red (33%)
- Green (70%)
- Blue (52%)



- Red (33%)
- Yellow (57%)
- Blue (70%)



- Cyan (53%)
- Magenta (0%)
- Yellow (25%)
- Black (30%)



- Cyan (67%)
- Magenta (30%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283675269 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 4283675269 by changing the saturation by 10% instead.





4283675269



4283675269

4294967295



4281767788



4287359674



4279336275



4289200086



4278215484



4291100658



4278209062



4293001215



4278203153

4294901759



4278197504



4278190080



4283675269




4283675269



4282495613



4284854925

 4281315956

 4286034582

 4280201836

 4287148702

 4279022179

 4288328359

 4278235742

 4289508015

 4290687672

 4291867328

 4292981448

 4294161105

# Harmonies

## Analogous

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



4286884965



4283675269



4278236331

# Triad

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



4283675269



4286292202



4293101939

# Complementary

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



4283675269



4289876864

# 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.



4293427862



4283675269



4289958618

# Square

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



4283675269



4280658917



4292380348



4291663195

# Rectangle

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



4283675269



4278236100



4292380348



4293297790



# Sweetspot

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



4283675269



4291029206



4286689875



4284446059



4294309365



4285887861



# Same Dimension

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



4283675269



4283754658



4283674802



4283455829



4278229329



4278196749



# Inverse Universe

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



4289876864



4293416090



4289877331



4284043349



4288217160



4279894028



# Previews

## White Background



This preview shows how the Android color 4283675269 looks on a white background.

## Color Contrast Check

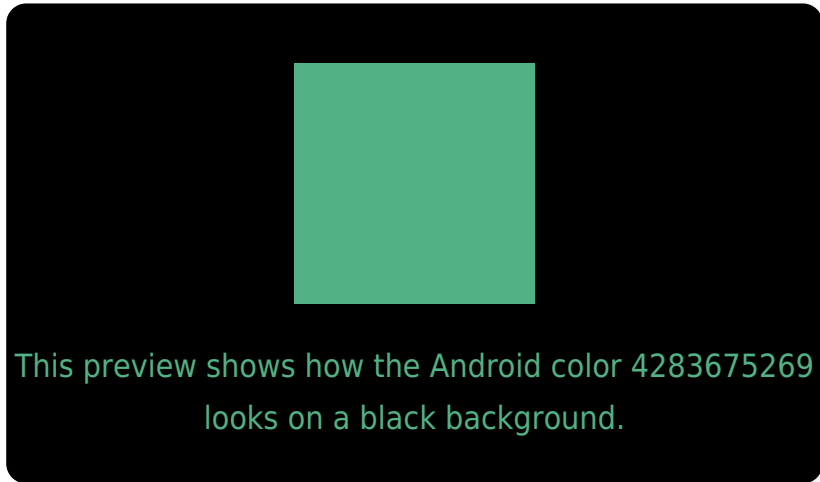
Large Text (above 18pt) WCAG AA × Fail

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

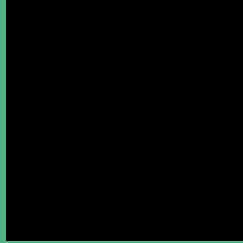
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283675269 Background



This preview shows how black text looks on a background with the Android color 4283675269.



This preview shows how white text looks on a background with the Android color 4283675269.

# 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**

4283675269



**Protanomaly**

4287276671



**Deuteranomaly**

4287800200



**Tritanomaly**

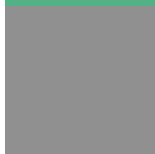
4284329638

# Monochromacy



**Original Color**

4283675269



**Achromatopsia**

4287664272



**Achromatomaly**

4286225548

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283675269 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(83, 178, 133)` looks like.

```
.text, #text, p{  
    color:rgb(83, 178, 133)  
}
```

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(83, 178, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 178, 133) }
```

## Border

The CSS property to change the border of an element to Android 4283675269 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(83, 178, 133) }
```

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

```
.border{ border-color:rgb(83, 178, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 178, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 178, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 178, 133);  
box-shadow:4px 4px 4px 4px rgb(83, 178,  
133) }
```

# Background

The CSS property to change the background color of an element to Android 4283675269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 178, 133) }
```

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

```
.background{ background-color: rgb(83, 178,  
133) }
```

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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