

# Converting Colors

Android(4285122181)

Have a look what the booklet for  
Android(4285122181) contains.

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# **Color**

**Android(4285122181)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69C685
RGB	105, 198, 133
RGB Percent	41%, 78%, 52%
CMY	0.5882, 0.2235, 0.4784
CMYK	0.47, 0.00, 0.33, 0.22
HSL	138°, 45%, 59%
HSV	138°, 47%, 78%
XYZ	30.2534, 45.0849, 29.2980
YIQ	162.7830, -34.5630, -39.9310

# Conversions

## Conversions Part 2

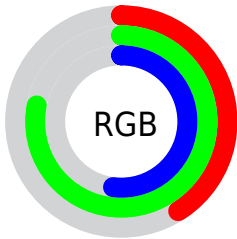
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 176, 198</a>
Decimal	<a href="#">6932101</a>
CIELab	<a href="#">72.95, -42.01, 24.24</a>
CIELCh	<a href="#">73, 48.499, 150.014</a>
Yxy	<a href="#">45.0849, 0.2891, 0.4309</a>
Android (android.graphics.Color)	<a href="#">4285122181 (0xFF69C685)</a>
YUV	<a href="#">162.7830, -14.6830, -50.6757</a>
Hunter-Lab	<a href="#">67.1453, -37.0781, 21.1312</a>

# Details

The Android color `4285122181` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4291193258`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4288806843`, and `4281372499` is the 20% darker color. If you saturate the color by 10%, you get `4283811447`, and if you desaturate by 10%, it is `4286432915`.

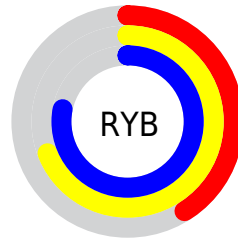
# Distribution



Red (41%)

Green (78%)

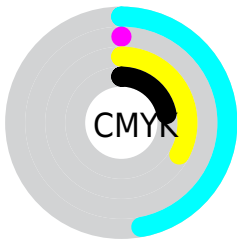
Blue (52%)



Red (41%)

Yellow (69%)

Blue (78%)

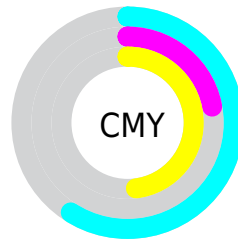


Cyan (47%)

Magenta (0%)

Yellow (33%)

Black (22%)



Cyan (59%)

Magenta (22%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285122181 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 4285122181 by changing the saturation by 10% instead.





4285122181



4285122181

4294967295



4283279979



4288806843



4281372499



4290641878



4278613307



4292542451



4278213668



4294508543



4278207246



4278201600



4278194688



4278190080



4285122181



4285122181

 4283811447

 4286432915

 4282500713

 4287743649


 4281255515

 4288988847

 4279944782

 4290299580

 4278634048

 4291610314

 4278240828

 4292921048

 4294231782

 4294952692

 4294952703

# Harmonies

## Analogous

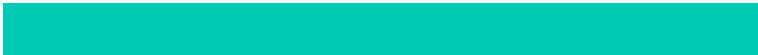
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288790116



4285122181



4278241970

# Triad

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



4285122181



4285053183



4294939529

# Complementary

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



4285122181



4291193258

# 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.



4294938293



4285122181



4290160639

# Square

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



4285122181



4278240255



4293564384



4294025575

# Rectangle

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



4285122181



4278242000



4293564384



4294938775

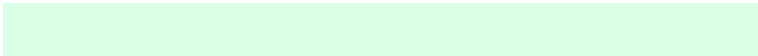


# Sweetspot

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



4285122181



4292607974



4289381993



4285169776



4278190080



4286611584



# Same Dimension

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



4285122181



4285595547



4285122227



4284113756



4278231857



4278199307



# Inverse Universe

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



4291193258



4294930644



4291193212



4284701280



4288872562



4280549401



# Previews

## White Background



This preview shows how the Android color 4285122181 looks on a white background.

## Color Contrast Check

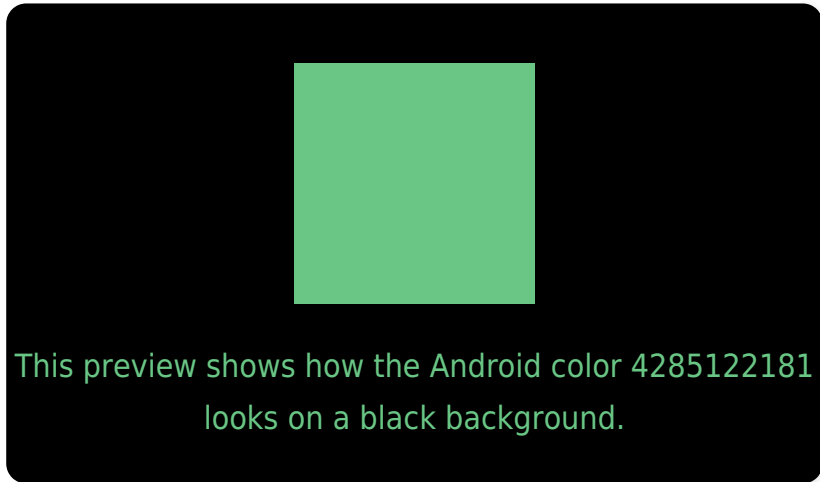
Large Text (above 18pt) WCAG AA × Fail

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

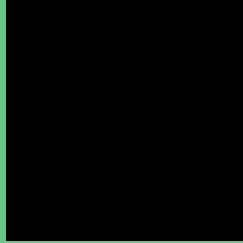
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4285122181 Background



This preview shows how black text looks on a background with the Android color 4285122181.



This preview shows how white text looks on a background with the Android color 4285122181.

# 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**  
4285122181



**Protanomaly**  
4288723327



**Deuteranomaly**  
4289443209



**Tritanomaly**  
4285841586

# Monochromacy



**Original Color**  
4285122181



**Achromatopsia**  
4288914339



**Achromatomaly**  
4287541400

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285122181 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(105, 198, 133)` looks like.

```
.text, #text, p{  
    color:rgb(105, 198, 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(105, 198, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 198, 133) }
```

## Border

The CSS property to change the border of an element to Android 4285122181 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(105, 198, 133) }
```

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

```
.border{ border-color:rgb(105, 198, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 198, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 198, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 198, 133);  
box-shadow:4px 4px 4px 4px rgb(105, 198,  
133) }
```

# Background

The CSS property to change the background color of an element to Android 4285122181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 198, 133) }
```

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

```
.background{ background-color: rgb(105,  
198, 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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