

# Converting Colors

Android(4280465001)

Have a look what the booklet for  
Android(4280465001) contains.

<b>Android(4280465001)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4280465001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22B669
RGB	34, 182, 105
RGB Percent	13%, 71%, 41%
CMY	0.8667, 0.2863, 0.5882
CMYK	0.81, 0.00, 0.42, 0.29
HSL	149°, 69%, 42%
HSV	149°, 81%, 71%
XYZ	19.9374, 34.8159, 19.0339
YIQ	128.9700, -63.4910, -55.3230

# Conversions

## Conversions Part 2

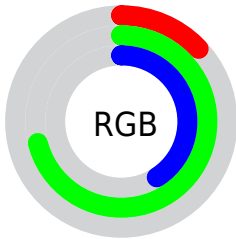
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 134, 182
Decimal	2274921
CIELab	65.61, -54.66, 28.87
CIELCh	66, 61.817, 152.159
Yxy	34.8159, 0.2702, 0.4718
Android (android.graphics.Color)	4280465001 (0xFF22B669)
YUV	128.9700, -11.8172, -83.2887
Hunter-Lab	59.0050, -42.9447, 22.1776

# Details

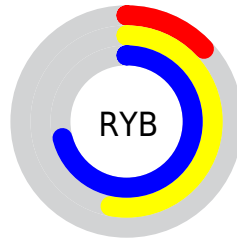
The Android color `4280465001` is a dark color, and the websafe version is hex `33CC66`. A complement of this color would be `4290126447`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4285132701`, and `4278222904` is the 20% darker color. If you saturate the color by 10%, you get `4279285344`, and if you desaturate by 10%, it is `4281644658`.

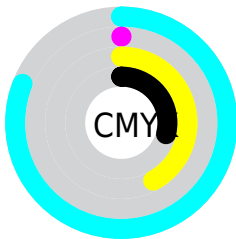
# Distribution



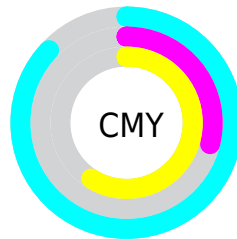
- Red (13%)
- Green (71%)
- Blue (41%)



- Red (13%)
- Yellow (53%)
- Blue (71%)



- Cyan (81%)
- Magenta (0%)
- Yellow (42%)
- Black (29%)



- Cyan (87%)
- Magenta (29%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280465001 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 4280465001 by changing the saturation by 10% instead.





4280465001



4280465001

4294967295



4278229584



4285132701



4278222904



4287168440



4278216225



4289069012



4278209545



4291035121



4278203392



4293001215



4278197248



4278190080



4280465001



4280465001



4279285344



4281644658

 4278236759

 4282824316

 4284069509

 4285249167

 4286428824

 4287608482

 4288788139

 4290033333

 4291212990

# Harmonies

## Analogous

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



4286623034



4280465001



4278237858

# Triad

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



4280465001



4278232319



4294931560

# Complementary

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



4280465001



4290126447

# 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.



4294929310



4280465001



4289105918

# Square

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



4280465001



4278235903



4293294036



4293232955

# Rectangle

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



4280465001



4278237896



4293294036



4294930297



# Sweetspot

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



4280465001



4290047440



4285642274



4283791462



4294440951



4286085240



# Same Dimension

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



4280465001



4278578548



4280465073



4283653207



4278230091



4278197261



# Inverse Universe

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



4290126447



4293723518



4290126375



4284240727



4288413777



4280025103



# Previews

## White Background



This preview shows how the Android color 4280465001 looks on a white background.

## Color Contrast Check

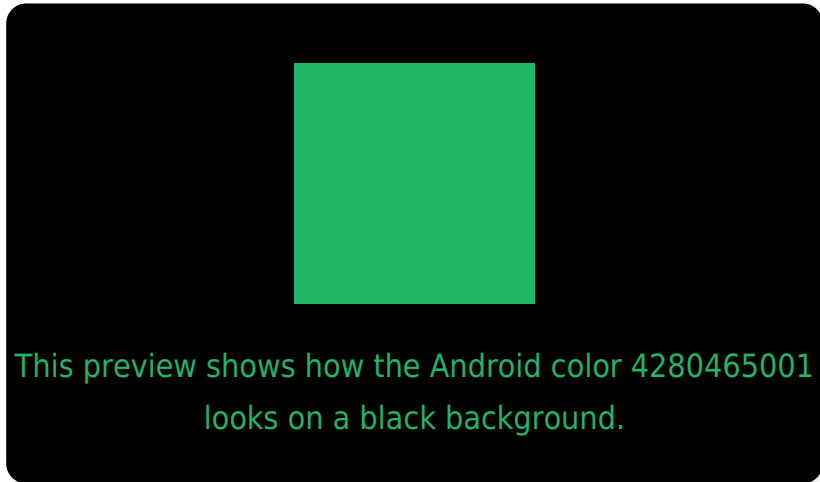
Large Text (above 18pt) WCAG AA × Fail

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

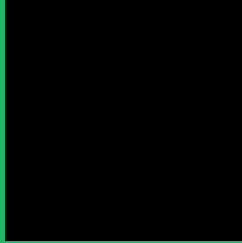
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280465001 Background



This preview shows how black text looks on a background with the Android color 4280465001.



This preview shows how white text looks on a background with the Android color 4280465001.

# 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**

4280465001



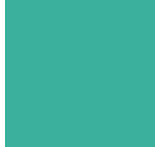
**Protanomaly**

4286228323



**Deuteranomaly**

4286882413



**Tritanomaly**

4282101917

# Monochromacy



**Original Color**

4280465001



**Achromatopsia**

4286677377



**Achromatomaly**

4284388472

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280465001 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(34, 182, 105)` looks like.

```
.text, #text, p{  
    color:rgb(34, 182, 105)  
}
```

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(34, 182, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 182, 105) }
```

## Border

The CSS property to change the border of an element to Android 4280465001 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(34, 182, 105) }
```

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

```
.border{ border-color:rgb(34, 182, 105) }
```

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

Here you see how a box with a 4 pixel rgb(34, 182, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 182, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 182, 105);  
box-shadow:4px 4px 4px 4px rgb(34, 182,  
105) }
```

# Background

The CSS property to change the background color of an element to Android 4280465001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 182, 105) }
```

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

```
.background{ background-color: rgb(34, 182,  
105) }
```

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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