

# Converting Colors

Android(4280922745)

Have a look what the booklet for  
Android(4280922745) contains.

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**Color**

**Android(4280922745)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 29B279                       |
| RGB         | 41, 178, 121                 |
| RGB Percent | 16%, 70%, 47%                |
| CMY         | 0.8392, 0.3020, 0.5255       |
| CMYK        | 0.77, 0.00, 0.32, 0.30       |
| HSL         | 155°, 63%, 43%               |
| HSV         | 155°, 77%, 70%               |
| XYZ         | 20.2860, 33.6927, 23.5233    |
| YIQ         | 130.5390, -63.3550, -46.7710 |

# Conversions

## Conversions Part 2

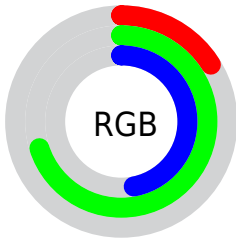
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">41, 127, 178</a>                    |
| Decimal                             | <a href="#">2732665</a>                         |
| CIELab                              | <a href="#">64.72, -49.12, 19.16</a>            |
| CIELCh                              | <a href="#">65, 52.721, 158.688</a>             |
| Yxy                                 | <a href="#">33.6927, 0.2617,<br/>0.4347</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4280922745<br/>(0xFF29B279)</a>     |
| YUV                                 | <a href="#">130.5390, -4.7027,<br/>-78.5257</a> |
| Hunter-Lab                          | <a href="#">58.0454, -39.1963,<br/>16.6041</a>  |

# Details

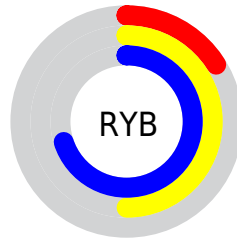
The Android color `4280922745` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289866082`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4285328302`, and `4278221896` is the 20% darker color. If you saturate the color by 10%, you get `4279743090`, and if you desaturate by 10%, it is `4282102400`.

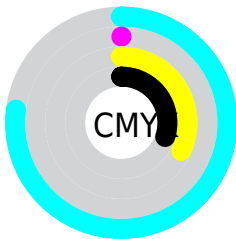
# Distribution



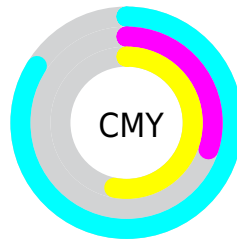
- Red (16%)
- Green (70%)
- Blue (47%)



- Red (16%)
- Yellow (50%)
- Blue (70%)



- Cyan (77%)
- Magenta (0%)
- Yellow (32%)
- Black (30%)



- Cyan (84%)
- Magenta (30%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280922745 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 4280922745 by changing the saturation by 10% instead.





4280922745



4280922745

4294967295



4278228832



4285328302



4278221896



4287299529



4278215217



4289200101



4278208795



4291166207



4278202883



4293132287



4278196480



4278190080



4280922745



4280922745



4279743090



4282102400

■ 4278563434

■ 4283282056

■ 4278235752

■ 4284396175

■ 4285575831

■ 4286755486

■ 4287935141

■ 4289114797

■ 4290228916

■ 4291408572

# Harmonies

## Analogous

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



4286098256



4280922745



4278236586

# Triad

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



4280922745



4284521978



4293819748

# Complementary

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



4280922745



4289866082

# 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.



4294210705



4280922745



4289891303

# Square

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



4280922745



4278234100



4292967104



4292054596

# Rectangle

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



4280922745



4278236361



4292967104



4294080626



# Sweetspot

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



4280922745



4289980626



4284658217



4283725160



4294309365



4285887861



# Same Dimension

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



4280922745



4279494799



4280919986



4283455830



4278229337



4278196751



# Inverse Universe

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



4289866082



4293399403



4289868841



4284043348



4288217152

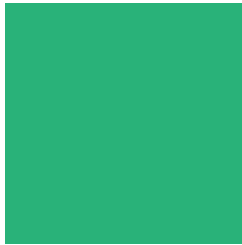


4279894027



# Previews

## White Background



This preview shows how the Android color 4280922745 looks on a white background.

## Color Contrast Check

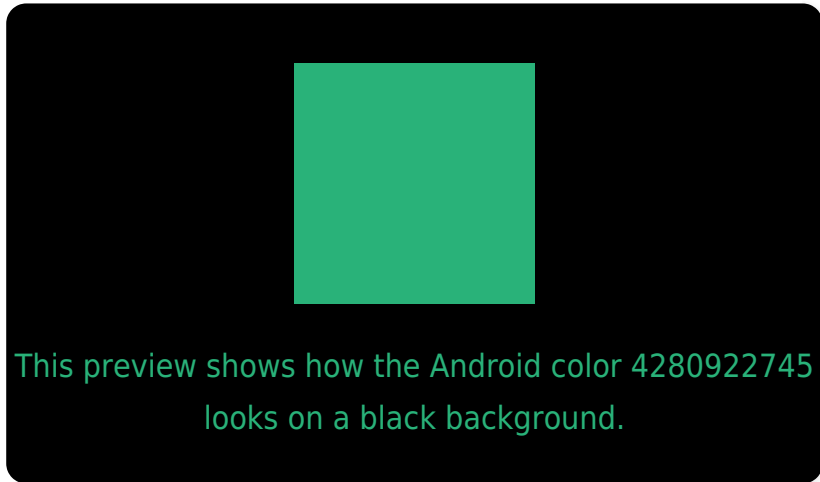
Large Text (above 18pt) WCAG AA × Fail

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

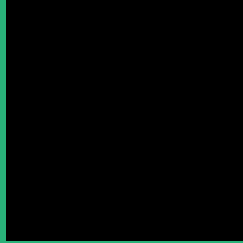
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280922745 Background



This preview shows how black text looks on a background with the Android color 4280922745.



This preview shows how white text looks on a background with the Android color 4280922745.

# 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**

4280922745



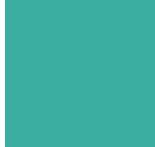
**Protanomaly**

4286227571



**Deuteranomaly**

4286750845



**Tritanomaly**

4282166689

# Monochromacy



**Original Color**

4280922745



**Achromatopsia**

4286808963



**Achromatomaly**

4284650623

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280922745 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(41, 178, 121)` looks like.

```
.text, #text, p{  
    color:rgb(41, 178, 121)  
}
```

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(41, 178, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 178, 121) }
```

## Border

The CSS property to change the border of an element to Android 4280922745 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(41, 178, 121) }
```

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

```
.border{ border-color:rgb(41, 178, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 178, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 178, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 178, 121);  
box-shadow:4px 4px 4px 4px rgb(41, 178,  
121) }
```

# Background

The CSS property to change the background color of an element to Android 4280922745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 178, 121) }
```

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

```
.background{ background-color: rgb(41, 178,  
121) }
```

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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