

# Converting Colors

Android(4280394546)

Have a look what the booklet for  
Android(4280394546) contains.

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# Color

**Android(4280394546)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 21A332                       |
| RGB         | 33, 163, 50                  |
| RGB Percent | 13%, 64%, 20%                |
| CMY         | 0.8706, 0.3608, 0.8039       |
| CMYK        | 0.80, 0.00, 0.69, 0.36       |
| HSL         | 128°, 66%, 38%               |
| HSV         | 128°, 80%, 64%               |
| XYZ         | 14.3001, 26.7480, 7.4268     |
| YIQ         | 111.2480, -41.2070, -62.7030 |

# Conversions

## Conversions Part 2

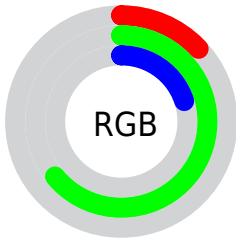
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 33, 148, 163                    |
| Decimal                             | 2204466                         |
| CIELab                              | 58.74, -56.22, 47.15            |
| CIELCh                              | 59, 73.376, 140.019             |
| Yxy                                 | 26.7480, 0.2950,<br>0.5518      |
| Android<br>(android.graphics.Color) | 4280394546<br>(0xFF21A332)      |
| YUV                                 | 111.2480, -30.1953,<br>-68.6235 |
| Hunter-Lab                          | 51.7185, -41.1522,<br>27.6889   |

# Details

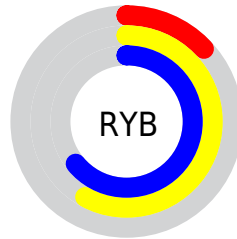
The Android color `4280394546` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4288881042`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4284930918`, and `4278218240` is the 20% darker color. If you saturate the color by 10%, you get `4279345956`, and if you desaturate by 10%, it is `4281443136`.

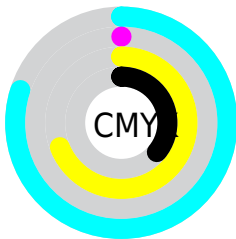
# Distribution



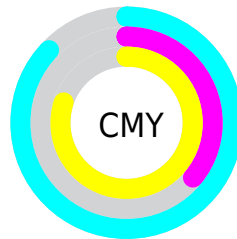
- Red (13%)
- Green (64%)
- Blue (20%)



- Red (13%)
- Yellow (58%)
- Blue (64%)



- Cyan (80%)
- Magenta (0%)
- Yellow (69%)
- Black (36%)



- Cyan (87%)
- Magenta (36%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280394546 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 4280394546 by changing the saturation by 10% instead.





4280394546



4280394546

4294967295



4278224918



4284930918



4278218240



4286838913



4278211584



4288806812



4278205440



4290707383



4278199552



4292673491



4278190080



4294639600



4280394546



4280394546



4279345956



4281443136

 4278231830

 4282557262

 4278231829

 4283605853

 4284654443

 4285703033

 4286817159

 4287865749

 4288914339

 4290028466

# Harmonies

## Analogous

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



4286682880



4280394546



4278233461

# Triad

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



4280394546



4278230015



4294855013

# Complementary

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



4280394546



4288881042

# 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.



4294199718



4280394546



4283926271

# Square

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



4280394546



4278233071



4291061473



4293420585

# Rectangle

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



4280394546



4278233762



4291061473



4294853755



# Sweetspot

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



4280394546



4288795815



4287931169



4283198288



4293651435



4285229931



# Same Dimension

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



4280394546



4278768675



4280394609



4282995275



4278227219



4278194690



# Inverse Universe

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



4288881042



4292085945



4288880979



4283582801



4287692926



4279369744



# Previews

## White Background



This preview shows how the Android color 4280394546 looks on a white background.

## Color Contrast Check

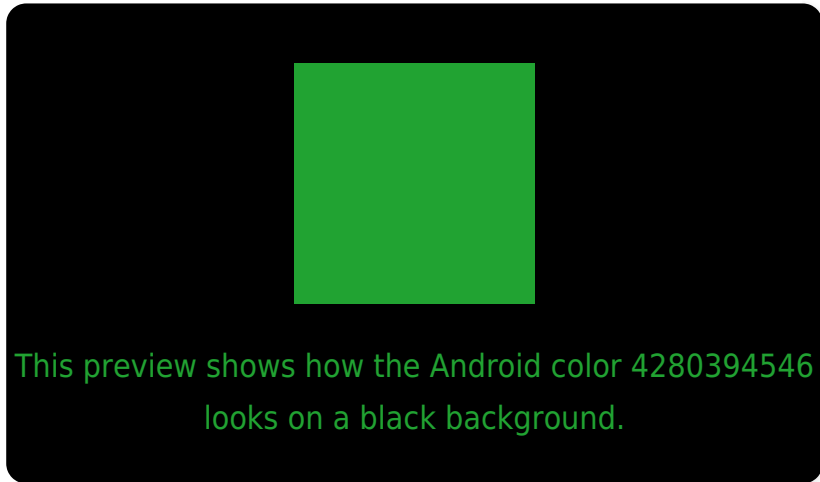
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4280394546 Background



This preview shows how black text looks on a background with the Android color 4280394546.



This preview shows how white text looks on a background with the Android color 4280394546.

# 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



**Original Color**  
4280394546

**Protanopia**  
4288515372

**Deuteranopia**  
4289627452



# Trichromacy



**Original Color**

4280394546



**Protanomaly**

4285568302



**Deuteranomaly**

4286287928



**Tritanomaly**

4282031227

# Monochromacy



**Original Color**

4280394546



**Achromatopsia**

4285493103



**Achromatomaly**

4283662937

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280394546 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(33, 163, 50)` looks like.

```
.text, #text, p{  
    color:rgb(33, 163, 50)  
}
```

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(33, 163, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 163, 50) }
```

## Border

The CSS property to change the border of an element to Android 4280394546 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(33, 163, 50) }
```

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

```
.border{ border-color:rgb(33, 163, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 163, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 163, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 163, 50);  
box-shadow:4px 4px 4px 4px rgb(33, 163,  
50) }
```

# Background

The CSS property to change the background color of an element to Android 4280394546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 163, 50) }
```

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

```
.background{ background-color: rgb(33, 163,  
50) }
```

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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