

# Converting Colors

Android(4278896200)

Have a look what the booklet for  
Android(4278896200) contains.

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# **Color**

**Android(4278896200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0AC648
RGB	10, 198, 72
RGB Percent	4%, 78%, 28%
CMY	0.9608, 0.2235, 0.7176
CMYK	0.95, 0.00, 0.64, 0.22
HSL	140°, 90%, 41%
HSV	140°, 95%, 78%
XYZ	21.4890, 40.9206, 12.8968
YIQ	127.4240, -71.6020, -79.0420

# Conversions

## Conversions Part 2

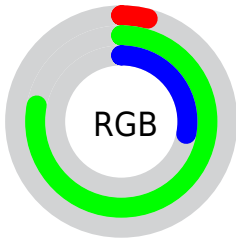
Format	Color
<a href="#">RYB</a>	<a href="#">10, 151, 198</a>
Decimal	<a href="#">706120</a>
CIELab	<a href="#">70.12, -66.61, 50.26</a>
CIELCh	<a href="#">70, 83.445, 142.962</a>
Yxy	<a href="#">40.9206, 0.2854, 0.5434</a>
Android (android.graphics.Color)	<a href="#">4278896200</a> ( <a href="#">0xFF0AC648</a> )
YUV	<a href="#">127.4240, -27.3240, -102.9808</a>
Hunter-Lab	<a href="#">63.9692, -51.9832, 32.8250</a>

# Details

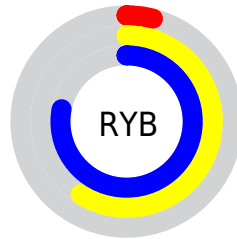
The Android color `4278896200` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark washed green. A complement of this color would be `4291168904`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4285005693`, and `4278226445` is the 20% darker color. If you saturate the color by 10%, you get `4278240833`, and if you desaturate by 10%, it is `4280206933`.

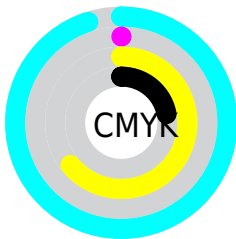
# Distribution



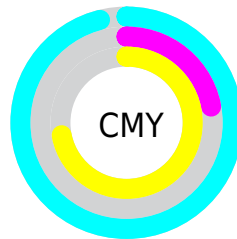
- Red (4%)
- Green (78%)
- Blue (28%)



- Red (4%)
- Yellow (59%)
- Blue (78%)



- Cyan (95%)
- Magenta (0%)
- Yellow (64%)
- Black (22%)



- Cyan (96%)
- Magenta (22%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278896200 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 4278896200 by changing the saturation by 10% instead.



 4278896200

 4278896200

4294967295

 4278233645

 4285005693


 4278226445

 4287102872

 4278219776

 4289134516

 4278212864

 4291166160

 4278206464

 4293197805

 4278200320

 4278190336

 4278190080

 4278896200

 4278896200

■ 4278240833

■ 4280206933

■ 4281517667

■ 4282762864

■ 4284073597

■ 4285384330

■ 4286695064

■ 4288005797

■ 4289250994

■ 4290561727

# Harmonies

## Analogous

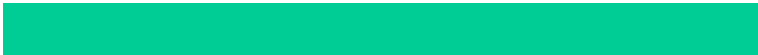
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288067840



4278896200



4278242454

# Triad

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



4278896200



4278237951



4294926197

# Complementary

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



4278896200



4291168904

# 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.



4294924737



4278896200



4286619647

# Square

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



4278896200



4278241535



4294212351



4294934830

# Rectangle

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



4278896200



4278243019



4294212351



4294924430

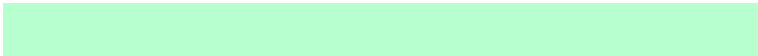


# Sweetspot

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



4278896200



4290314191



4287284746



4283727970



4278190080



4286611584



# Same Dimension

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



4278896200



4278255444



4278896292



4284113757



4278231862



4278199308



# Inverse Universe

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



4291168904



4294901931



4291168812



4284701280



4288872557

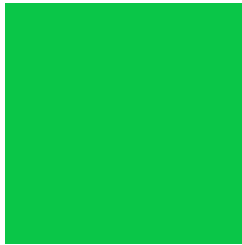


4280549400



# Previews

## White Background



This preview shows how the Android color 4278896200 looks on a white background.

## Color Contrast Check

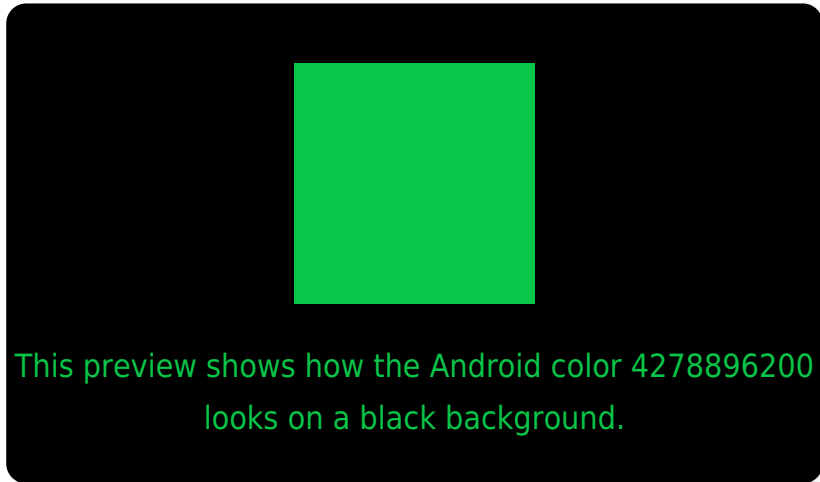
Large Text (above 18pt) WCAG AA × Fail

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 4278896200 Background



This preview shows how black text looks on a background with the Android color 4278896200.



This preview shows how white text looks on a background with the Android color 4278896200.

# Color Blindness Simulation

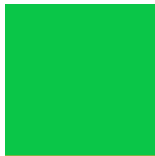
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4278896200



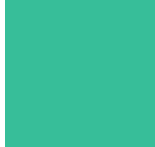
**Protanomaly**

4286428227



**Deuteranomaly**

4287213391



**Tritanomaly**

4281843353

# Monochromacy



**Original Color**

4278896200



**Achromatopsia**

4286545791



**Achromatomaly**

4283734379

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278896200 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(10, 198, 72)` looks like.

```
.text, #text, p{  
    color:rgb(10, 198, 72)  
}
```

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(10, 198, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 198, 72) }
```

## Border

The CSS property to change the border of an element to Android 4278896200 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(10, 198, 72) }
```

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

```
.border{ border-color:rgb(10, 198, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 198, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 198, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 198, 72);  
box-shadow:4px 4px 4px 4px rgb(10, 198,  
72) }
```

# Background

The CSS property to change the background color of an element to Android 4278896200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 198, 72) }
```

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

```
.background{ background-color: rgb(10, 198,  
72) }
```

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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