

# Converting Colors

Android(4290958212)

Have a look what the booklet for  
Android(4290958212) contains.

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# **Color**

**Android(4290958212)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2D384
RGB	194, 211, 132
RGB Percent	76%, 83%, 52%
CMY	0.2392, 0.1725, 0.4824
CMYK	0.08, 0.00, 0.37, 0.17
HSL	73°, 47%, 67%
HSV	73°, 37%, 83%
XYZ	49.7073, 59.7238, 30.7378
YIQ	196.9110, 15.2270, -28.1730

# Conversions

## Conversions Part 2

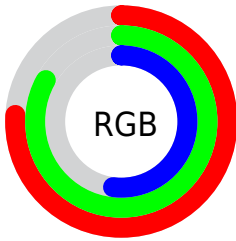
Format	Color
<a href="#">RYB</a>	<a href="#">132, 211, 149</a>
Decimal	<a href="#">12768132</a>
CIELab	<a href="#">81.69, -18.23, 37.23</a>
CIELCh	<a href="#">82, 41.451, 116.091</a>
Yxy	<a href="#">59.7238, 0.3546, 0.4261</a>
Android (android.graphics.Color)	<a href="#">4290958212 (0xFFC2D384)</a>
YUV	<a href="#">196.9110, -32.0011, -2.5529</a>
Hunter-Lab	<a href="#">77.2812, -20.4309, 30.5148</a>

# Details

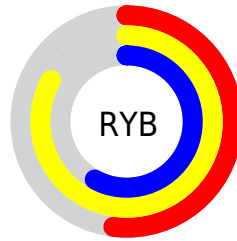
The Android color `4290958212` is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be `4287988947`, and the grayscale version is `4291151301`.

A 20% lighter version of the original color is `4294705082`, and `4287339601` is the 20% darker color. If you saturate the color by 10%, you get `4290630511`, and if you desaturate by 10%, it is `4291285913`.

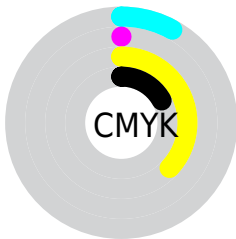
# Distribution



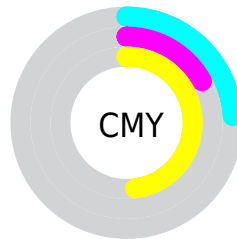
- Red (76%)
- Green (83%)
- Blue (52%)



- Red (52%)
- Yellow (83%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (37%)
- Black (17%)

















- Cyan (24%)
- Magenta (17%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290958212 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 4290958212 by changing the saturation by 10% instead.



 4290958212	 4290958212
4294967295	 4289116010
 4294705082	 4287339601
 4294967254	 4285628985
 4294967283	 4283918624
	 4282339590
	 4280826368
	 4279116800
	 4278192896
	 4278190080

■ 4290958212

■ 4290958212

■ 4290630511

■ 4291285913

■ 4290368346

■ 4291548078

■ 4290040645

■ 4291875779

■ 4289778480

■ 4292137944

■ 4289450779

■ 4292465645

■ 4289188613

■ 4292727807

■ 4289123072

■ 4293055487

■ 4293317631

■ 4293645311

# Harmonies

## Analogous

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



4293576573



4290958212



4287945630

# Triad

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



4290958212



4283095807



4294946258

# Complementary

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



4290958212



4287988947

# 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.



4294424055



4290958212



4287353087

# Square

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



4290958212



4281655276



4291347455



4294946731

# Rectangle

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



4290958212



4285783991



4291347455



4294946783



# Sweetspot

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



4290958212



4294574051



4292056196



4286349423



4278190080



4286611584



# Same Dimension

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



4290958212



4293328780



4288467844



4284901726



4286883840



4280297728



# Inverse Universe

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



4287988947



4289039615



4290479315



4284505705



4280549544



4278779945



# Previews

## White Background



This preview shows how the Android color 4290958212 looks on a white background.

## Color Contrast Check

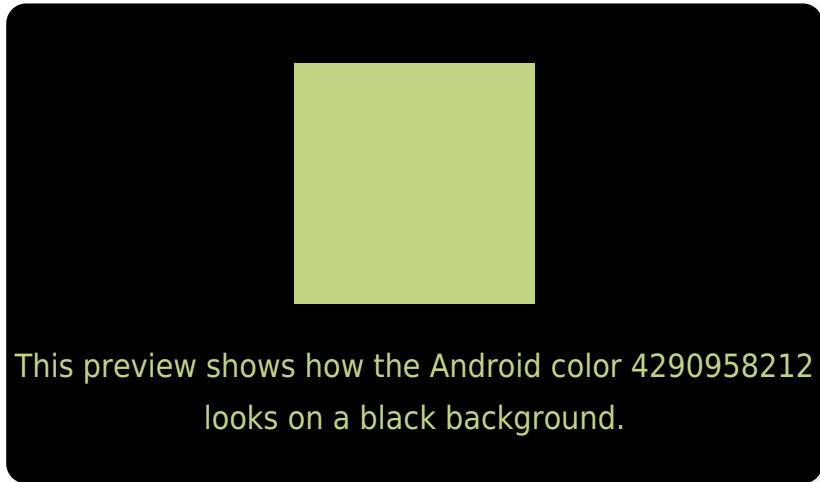
Large Text (above 18pt) WCAG AA × Fail

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

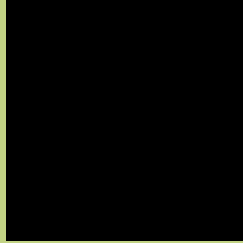
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4290958212 Background



This preview shows how black text looks on a background with the Android color 4290958212.



This preview shows how white text looks on a background with the Android color 4290958212.

# 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**  
4290958212

**Protanopia**  
4292725633

**Deuteranopia**  
4294165128



# Trichromacy



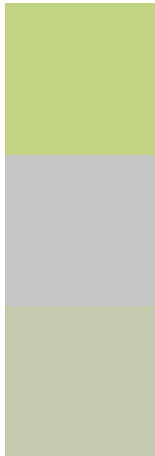
**Original Color**  
4290958212

**Protanomaly**  
4292071042

**Deuteranomaly**  
4292987015

**Tritanomaly**  
4291415482

# Monochromacy



**Original Color**  
4290958212

**Achromatopsia**  
4291151301

**Achromatomaly**  
4291087021

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290958212 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(194, 211, 132)` looks like.

```
.text, #text, p{  
    color:rgb(194, 211, 132)  
}
```

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(194, 211, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 211, 132) }
```

## Border

The CSS property to change the border of an element to Android 4290958212 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(194, 211, 132) }
```

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

```
.border{ border-color:rgb(194, 211, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 211, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 211, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 211, 132);  
box-shadow:4px 4px 4px 4px rgb(194, 211,  
132) }
```

# Background

The CSS property to change the background color of an element to Android 4290958212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 211, 132) }
```

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

```
.background{ background-color: rgb(194,  
211, 132) }
```

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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