

# Converting Colors

Android(4290237757)

Have a look what the booklet for  
Android(4290237757) contains.

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**Color**

**Android(4290237757)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D53D
RGB	183, 213, 61
RGB Percent	72%, 84%, 24%
CMY	0.2824, 0.1647, 0.7608
CMYK	0.14, 0.00, 0.71, 0.16
HSL	72°, 64%, 54%
HSV	72°, 71%, 84%
XYZ	44.1650, 57.9927, 13.2808
YIQ	186.7020, 30.9120, -53.6320

# Conversions

## Conversions Part 2

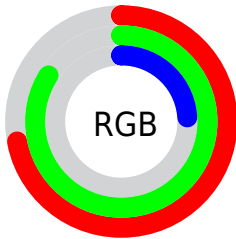
Format	Color
<a href="#">RYB</a>	<a href="#">61, 213, 91</a>
Decimal	<a href="#">12047677</a>
CIELab	<a href="#">80.73, -29.69, 67.60</a>
CIELCh	<a href="#">81, 73.830, 113.710</a>
Yxy	<a href="#">57.9927, 0.3826, 0.5024</a>
Android (android.graphics.Color)	<a href="#">4290237757 (0xFFB7D53D)</a>
YUV	<a href="#">186.7020, -61.9711, -3.2467</a>
Hunter-Lab	<a href="#">76.1529, -29.7463, 42.9671</a>

# Details

The Android color `4290237757` is a light color, and the websafe version is hex `99CC33`. The color can be described as light muted chartreuse. A complement of this color would be `4284169685`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4294115190`, and `4286488064` is the 20% darker color. If you saturate the color by 10%, you get `4289975592`, and if you desaturate by 10%, it is `4290499922`.

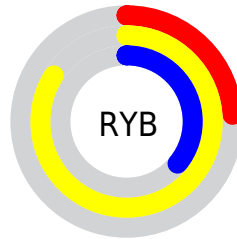
# Distribution



Red (72%)

Green (84%)

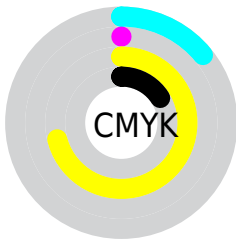
Blue (24%)



Red (24%)

Yellow (84%)

Blue (36%)

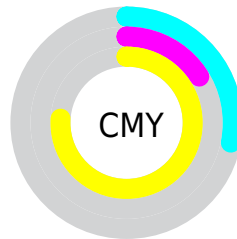


Cyan (14%)

Magenta (0%)

Yellow (71%)

Black (16%)



Cyan (28%)

Magenta (16%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290237757 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 4290237757 by changing the saturation by 10% instead.





4290237757



4290237757

4294967295



4288330011



4294115190



4286488064



4294967186



4284646400



4294967214



4282870528



4294967243



4281029120



4294967272



4278991616



4278199808



4278191360



4278190080

■ 4290237757

■ 4290237757

■ 4289975592

■ 4290499922

■ 4289713426

■ 4290762088

■ 4289451264

■ 4291089789

■ 4291351954

■ 4291614120

■ 4291876285

■ 4292138450

■ 4292466151

■ 4292728317

# Harmonies

## Analogous

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



4294557746



4290237757



4284277362

# Triad

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



4290237757



4278248447



4294937050

# Complementary

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



4290237757



4284169685

# 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.



4294942463



4290237757



4278244863

# Square

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



4290237757



4278249982



4289707263



4294937749

# Rectangle

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



4290237757



4278249375



4289707263



4294938353

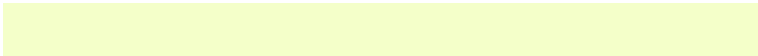


# Sweetspot

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



4290237757



4294246345



4292172093



4286152800



4278190080



4286611584



# Same Dimension

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



4290237757



4292149028



4285388093



4285098848



4287212288



4280494848



# Inverse Universe

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



4284169685



4283376895



4289019349



4284702827



4280418475



4278779947



# Previews

## White Background



This preview shows how the Android color 4290237757 looks on a white background.

## Color Contrast Check

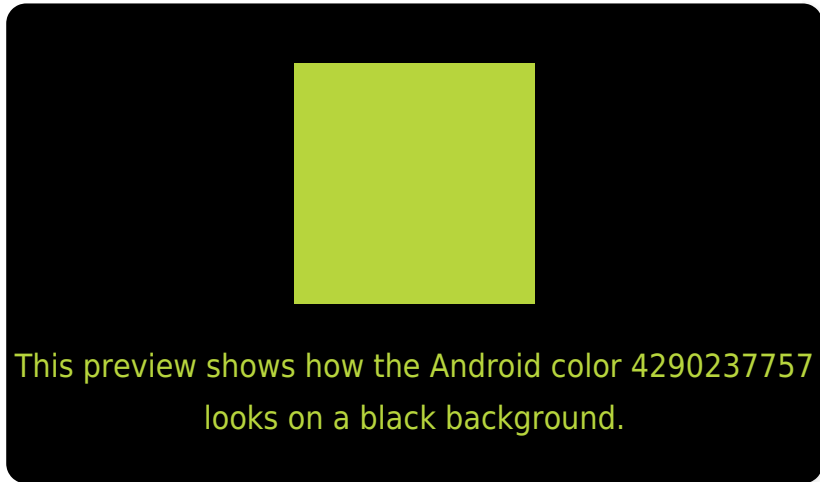
Large Text (above 18pt) WCAG AA × Fail

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 4290237757 Background



This preview shows how black text looks on a background with the Android color 4290237757.



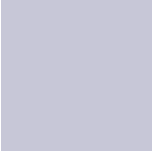
This preview shows how white text looks on a background with the Android color 4290237757.

# 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





**Tritanopia**  
4291282903

# Trichromacy



**Original Color**  
4290237757

**Protanomaly**  
4291939643

**Deuteranomaly**  
4293051971

**Tritanomaly**  
4290890911

# Monochromacy



**Original Color**  
4290237757

**Achromatopsia**  
4290493371

**Achromatomaly**  
4290430093

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290237757 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(183, 213, 61)` looks like.

```
.text, #text, p{  
    color:rgb(183, 213, 61)  
}
```

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(183, 213, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 213, 61) }
```

## Border

The CSS property to change the border of an element to Android 4290237757 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(183, 213, 61) }
```

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

```
.border{ border-color:rgb(183, 213, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 213, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 213, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 213, 61);  
box-shadow:4px 4px 4px 4px rgb(183, 213,  
61) }
```

# Background

The CSS property to change the background color of an element to Android 4290237757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 213, 61) }
```

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

```
.background{ background-color: rgb(183,  
213, 61) }
```

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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