

# Converting Colors

Android(4290110013)

Have a look what the booklet for  
Android(4290110013) contains.

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# **Color**

**Android(4290110013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E23D
RGB	181, 226, 61
RGB Percent	71%, 89%, 24%
CMY	0.2902, 0.1137, 0.7608
CMYK	0.20, 0.00, 0.73, 0.11
HSL	76°, 74%, 56%
HSV	76°, 73%, 89%
XYZ	47.0947, 64.5534, 14.3928
YIQ	193.7350, 26.1450, -60.8550

# Conversions

## Conversions Part 2

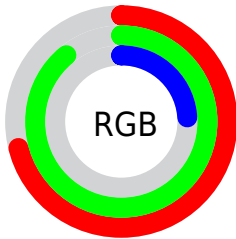
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 226, 106
Decimal	11919933
CIELab	84.25, -36.47, 70.97
CIELCh	84, 79.793, 117.199
Yxy	64.5534, 0.3736, 0.5122
Android (android.graphics.Color)	4290110013 (0xFFB5E23D)
YUV	193.7350, -65.4384, -11.1686
Hunter-Lab	80.3451, -35.9753, 45.6206

# Details

The Android color **4290110013** is a light color, and the websafe version is hex **99CC33**. The color can be described as light washed chartreuse. A complement of this color would be **4285152738**, and the grayscale version is **4290953922**.

A 20% lighter version of the original color is **4293984119**, and **4286360064** is the 20% darker color. If you saturate the color by 10%, you get **4289716774**, and if you desaturate by 10%, it is **4290503252**.

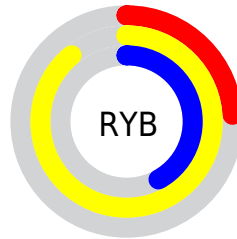
# Distribution



Red (71%)

Green (89%)

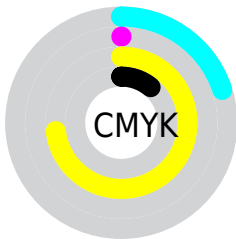
Blue (24%)



Red (24%)

Yellow (89%)

Blue (42%)

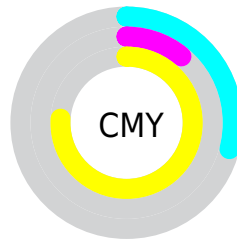


Cyan (20%)

Magenta (0%)

Yellow (73%)

Black (11%)



Cyan (29%)

Magenta (11%)


















Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290110013 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 4290110013 by changing the saturation by 10% instead.



 4290110013	 4290110013
 4294967295	 4288202265
 4293984119	 4286360064
 4294967187	 4284452864
 4294967216	 4282611200
 4294967245	 4280704256
 4294967274	 4278207744
	 4278201856
	 4278195968
	 4278190080

■ 4290110013

■ 4290110013

■ 4289716774

■ 4290503252

■ 4289323536

■ 4290896490

■ 4288995840

■ 4291289729

■ 4291748503

■ 4292141742

■ 4292534981

■ 4292928219

■ 4293321458

■ 4293714687

# Harmonies

## Analogous

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



4294888486



4290110013



4282707836

# Triad

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



4290110013



4278251263



4294937309

# Complementary

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



4290110013



4285152738

# 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.



4294942975



4290110013



4278246911

# Square

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



4290110013



4278253055



4291150335



4294939282

# Rectangle

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



4290110013



4278252718



4291150335



4294938614

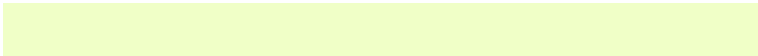


# Sweetspot

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



4290110013



4293984199



4293028157



4285956190



4278190080



4286611584



# Same Dimension

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



4290110013



4290969375



4284801597



4285362277



4286623744



4280496128



# Inverse Universe

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



4285152738



4284227583



4290461154



4285031792



4281335984



4279042096



# Previews

## White Background



This preview shows how the Android color 4290110013 looks on a white background.

## Color Contrast Check

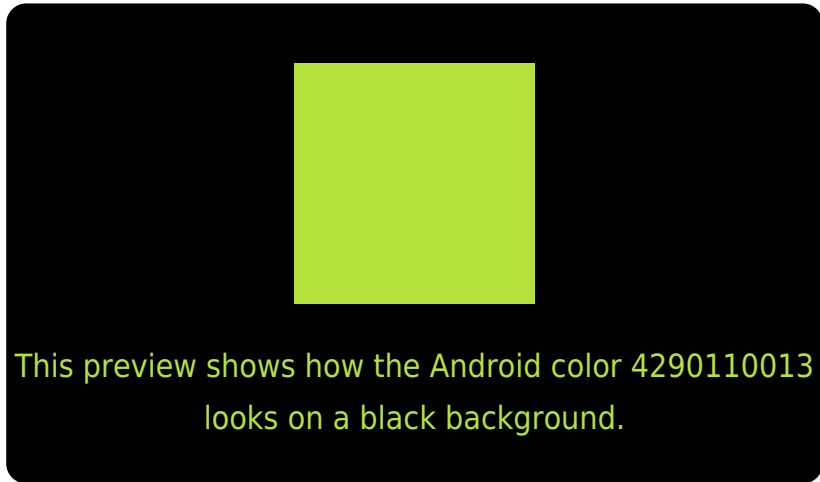
Large Text (above 18pt) WCAG AA × Fail

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 4290110013 Background



This preview shows how black text looks on a background with the Android color 4290110013.



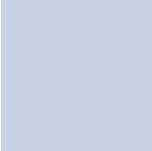
This preview shows how white text looks on a background with the Android color 4290110013.

# 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](#).

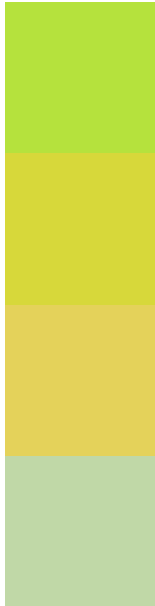
## Dichromacy





**Tritanopia**  
4291285988

# Trichromacy



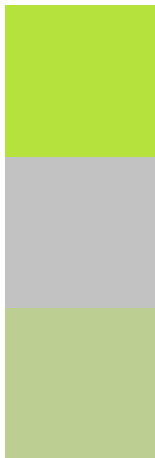
**Original Color**  
4290110013

**Protanomaly**  
4292335674

**Deuteranomaly**  
4293186138

**Tritanomaly**  
4290828455

# Monochromacy



**Original Color**  
4290110013

**Achromatopsia**  
4290953922

**Achromatomaly**  
4290629266

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290110013 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(181, 226, 61)` looks like.

```
.text, #text, p{  
    color:rgb(181, 226, 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(181, 226, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 226, 61) }
```

## Border

The CSS property to change the border of an element to Android 4290110013 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(181, 226, 61) }
```

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

```
.border{ border-color:rgb(181, 226, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 226, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 226, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 226, 61);  
box-shadow:4px 4px 4px 4px rgb(181, 226,  
61) }
```

# Background

The CSS property to change the background color of an element to Android 4290110013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 226, 61) }
```

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

```
.background{ background-color: rgb(181,  
226, 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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