

# Converting Colors

Android(4291026529)

Have a look what the booklet for  
Android(4291026529) contains.

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# Color

**Android(4291026529)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3DE61
RGB	195, 222, 97
RGB Percent	76%, 87%, 38%
CMY	0.2353, 0.1294, 0.6196
CMYK	0.12, 0.00, 0.56, 0.13
HSL	73°, 65%, 63%
HSV	73°, 56%, 87%
XYZ	50.7846, 64.7077, 21.1225
YIQ	199.6770, 24.0330, -44.5990

# Conversions

## Conversions Part 2

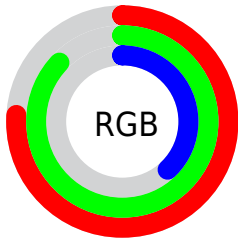
Format	Color
<a href="#">RYB</a>	<a href="#">97, 222, 124</a>
Decimal	<a href="#">12836449</a>
CIELab	<a href="#">84.33, -26.74, 57.21</a>
CIELCh	<a href="#">84, 63.152, 115.053</a>
Yxy	<a href="#">64.7077, 0.3717, 0.4737</a>
Android (android.graphics.Color)	<a href="#">4291026529 (0xFFC3DE61)</a>
YUV	<a href="#">199.6770, -50.6198, -4.1017</a>
Hunter-Lab	<a href="#">80.4411, -28.0801, 40.7402</a>

# Details

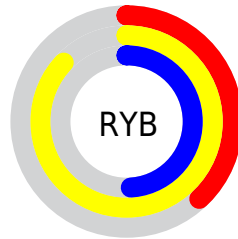
The Android color `4291026529` is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be `4286341598`, and the grayscale version is `4291348680`.

A 20% lighter version of the original color is `4294901655`, and `4287342378` is the 20% darker color. If you saturate the color by 10%, you get `4290698827`, and if you desaturate by 10%, it is `4291354231`.

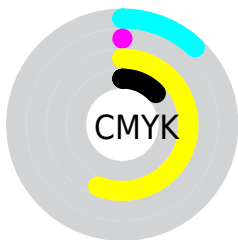
# Distribution



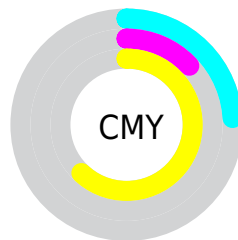
- Red (76%)
- Green (87%)
- Blue (38%)



- Red (38%)
- Yellow (87%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (56%)
- Black (13%)


















- Cyan (24%)
- Magenta (13%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291026529 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 4291026529 by changing the saturation by 10% instead.



 4291026529	 4291026529
4294967295	 4289184326
 4294901655	 4287342378
 4294967219	 4285500420
 4294967248	 4283724544
 4294967277	 4282079744
	 4280238848
	 4278266880
	 4278196224
	 4278190080

■ 4291026529

■ 4291026529

■ 4290698827

■ 4291354231

■ 4290371125

■ 4291681933

■ 4290108958

■ 4291944100

■ 4289781256

■ 4292271802

■ 4289650176

■ 4292599504

■ 4292927206

■ 4293254908

■ 4293517055

■ 4293844735

# Harmonies

## Analogous

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



4294822999



4291026529



4286179979

# Triad

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



4291026529



4278250239



4294942943

# Complementary

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



4291026529



4286341598

# 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.



4294946815



4291026529



4281588991

# Square

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



4291026529



4278251775



4291217407



4294943651

# Rectangle

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



4291026529



4279561906



4291217407



4294943731

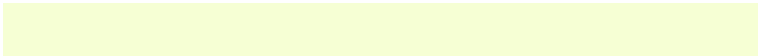


# Sweetspot

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



4291026529



4294377428



4292770401



4286218342



4278190080



4286611584



# Same Dimension

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



4291026529



4292542290



4287094369



4285427813



4287279104



4280692736



# Inverse Universe

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



4286341598



4286010111



4290339294



4284966256



4280680624



4278845488



# Previews

## White Background



This preview shows how the Android color 4291026529 looks on a white background.

## Color Contrast Check

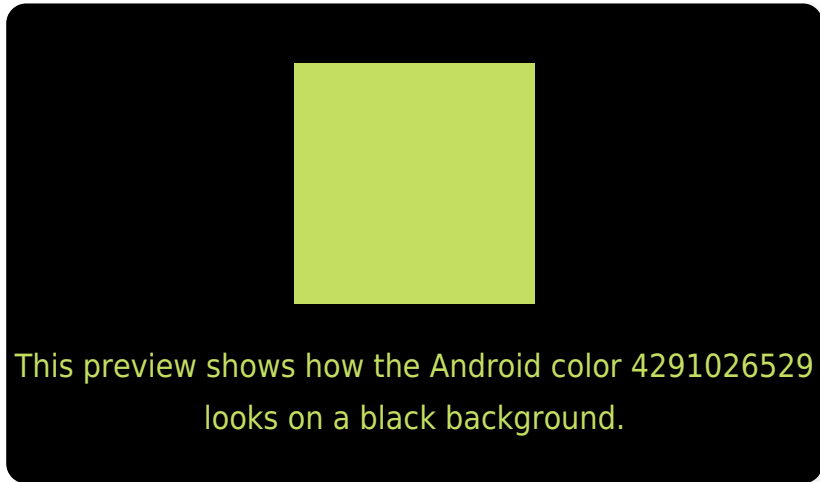
Large Text (above 18pt) WCAG AA × Fail

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 4291026529 Background



This preview shows how black text looks on a background with the Android color 4291026529.



This preview shows how white text looks on a background with the Android color 4291026529.

# 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



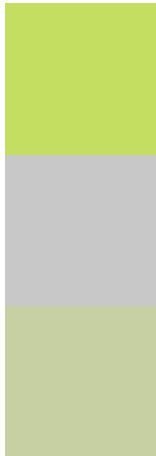
**Original Color**  
4291026529

**Protanomaly**  
4292597342

**Deuteranomaly**  
4293513582

**Tritanomaly**  
4291679922

# Monochromacy



**Original Color**  
4291026529

**Achromatopsia**  
4291348680

**Achromatomaly**  
4291219619

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291026529 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(195, 222, 97)` looks like.

```
.text, #text, p{  
    color:rgb(195, 222, 97)  
}
```

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(195, 222, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 222, 97) }
```

## Border

The CSS property to change the border of an element to Android 4291026529 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(195, 222, 97) }
```

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

```
.border{ border-color:rgb(195, 222, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 222, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 222, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 222, 97);  
box-shadow:4px 4px 4px 4px rgb(195, 222,  
97) }
```

# Background

The CSS property to change the background color of an element to Android 4291026529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 222, 97) }
```

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

```
.background{ background-color: rgb(195,  
222, 97) }
```

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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