

# Converting Colors

Android(4292339240)

Have a look what the booklet for  
Android(4292339240) contains.

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# **Color**

**Android(4292339240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7E628
RGB	215, 230, 40
RGB Percent	84%, 90%, 16%
CMY	0.1569, 0.0980, 0.8431
CMYK	0.07, 0.00, 0.83, 0.10
HSL	65°, 79%, 53%
HSV	65°, 83%, 90%
XYZ	56.7041, 71.1939, 12.7607
YIQ	203.8550, 52.0500, -62.2700

# Conversions

## Conversions Part 2

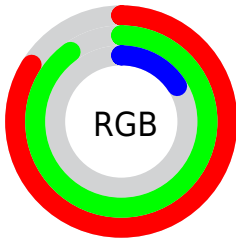
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 230, 55
Decimal	14149160
CIELab	87.58, -25.55, 80.71
CIELCh	88, 84.657, 107.563
Yxy	71.1939, 0.4031, 0.5061
Android (android.graphics.Color)	4292339240 (0xFFD7E628)
YUV	203.8550, -80.7805, 9.7742
Hunter-Lab	84.3765, -27.7002, 50.0968

# Details

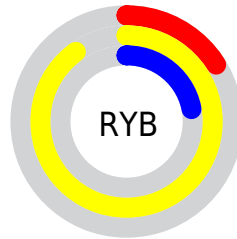
The Android color `4292339240` is a light color, and the websafe version is hex `CCCC00`. The color can be described as light washed yellow. A complement of this color would be `4281805030`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4294967145`, and `4288458496` is the 20% darker color. If you saturate the color by 10%, you get `4292208145`, and if you desaturate by 10%, it is `4292470335`.

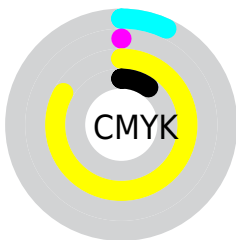
# Distribution



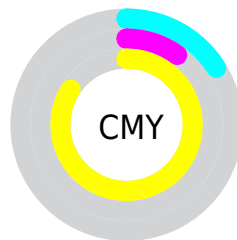
- Red (84%)
- Green (90%)
- Blue (16%)



- Red (16%)
- Yellow (90%)
- Blue (22%)



- Cyan (7%)
- Magenta (0%)
- Yellow (83%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292339240 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 4292339240 by changing the saturation by 10% instead.





4292339240



4292339240

4294967295



4290365952



4294967145



4288458496



4294967175



4286551040



4294967204



4284709376



4294967233



4282802688



4294967263



4281027072

4294967293



4279120640



4278198016



4278190080

■ 4292339240

■ 4292339240

■ 4292208145

■ 4292470335

■ 4292142592

■ 4292601430

■ 4292666989

■ 4292798084

■ 4292929179

■ 4293060274

■ 4293191369

■ 4293322464

■ 4293388023

# Harmonies

## Analogous

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



4294954027



4292339240



4285921127

# Triad

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



4292339240



4278255103



4294939391

# Complementary

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



4292339240



4281805030

# 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.



4294947327



4292339240



4278251263

# Square

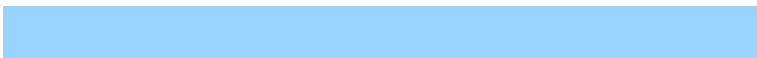
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4292339240



4278255615



4288206079



4294938544

# Rectangle

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



4292339240



4278255003



4288206079



4294941439



# Sweetspot

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



4292339240



4294639551



4293276968



4286349401



4278190080



4286611584



# Same Dimension

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



4292339240



4293656323



4286244392



4285690727



4288983808



4281283328



# Inverse Universe

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



4281805030



4279632895



4287899878



4285032307



4279107763

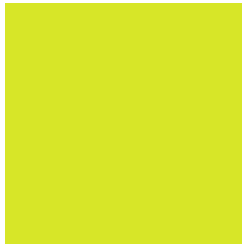


4278452275



# Previews

## White Background



This preview shows how the Android color 4292339240 looks on a white background.

## Color Contrast Check

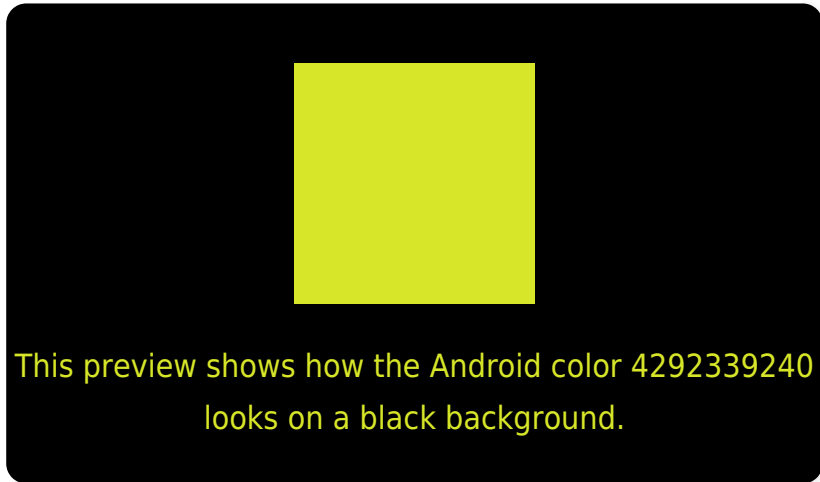
Large Text (above 18pt) WCAG AA × Fail

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 4292339240 Background



This preview shows how black text looks on a background with the Android color 4292339240.

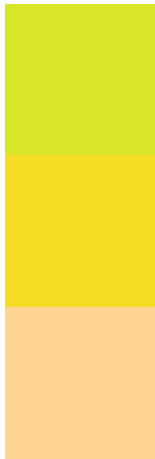


This preview shows how white text looks on a background with the Android color 4292339240.

# 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](#).

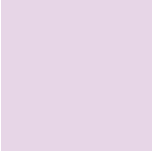
## Dichromacy



**Original Color**  
4292339240

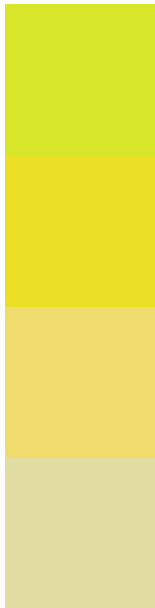
**Protanopia**  
4294433829

**Deuteranopia**  
4294956436



**Tritanopia**  
4293383911

# Trichromacy



**Original Color**  
4292339240

**Protanomaly**  
4293648422

**Deuteranomaly**  
4293974893

**Tritanomaly**  
4292992162

# Monochromacy



**Original Color**  
4292339240

**Achromatopsia**  
4291611852

**Achromatomaly**  
4291876240

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292339240 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(215, 230, 40)` looks like.

```
.text, #text, p{  
    color:rgb(215, 230, 40)  
}
```

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(215, 230, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 230, 40) }
```

## Border

The CSS property to change the border of an element to Android 4292339240 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(215, 230, 40) }
```

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

```
.border{ border-color:rgb(215, 230, 40) }
```

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

Here you see how a box with a 4 pixel rgb(215, 230, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 230, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 230, 40);  
box-shadow:4px 4px 4px 4px rgb(215, 230,  
40) }
```

# Background

The CSS property to change the background color of an element to Android 4292339240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 230, 40) }
```

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

```
.background{ background-color: rgb(215,  
230, 40) }
```

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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