

# Converting Colors

Android(4292667228)

Have a look what the booklet for  
Android(4292667228) contains.

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# **Color**

**Android(4292667228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCE75C
RGB	220, 231, 92
RGB Percent	86%, 91%, 36%
CMY	0.1373, 0.0941, 0.6392
CMYK	0.05, 0.00, 0.60, 0.09
HSL	65°, 74%, 63%
HSV	65°, 60%, 91%
XYZ	60.0229, 73.1402, 21.0791
YIQ	211.8650, 38.0630, -45.5610

# Conversions

## Conversions Part 2

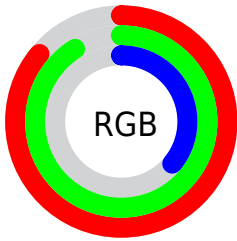
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 231, 103
Decimal	14477148
CIE Lab	88.51, -21.52, 64.50
CIE LCh	89, 67.995, 108.452
Yxy	73.1402, 0.3891, 0.4742
Android (android.graphics.Color)	4292667228 (0xFFDCE75C)
YUV	211.8650, -59.0934, 7.1344
Hunter-Lab	85.5220, -24.3849, 45.2519

# Details

The Android color **4292667228** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **4284964071**, and the grayscale version is **4292138196**.

A 20% lighter version of the original color is **4294967187**, and **4288852001** is the 20% darker color. If you saturate the color by 10%, you get **4292536133**, and if you desaturate by 10%, it is **4292798323**.

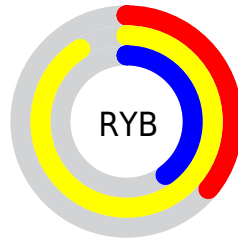
# Distribution



Red (86%)

Green (91%)

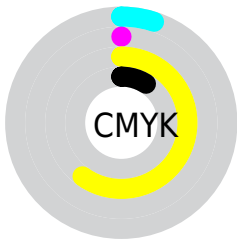
Blue (36%)



Red (36%)

Yellow (91%)

Blue (40%)

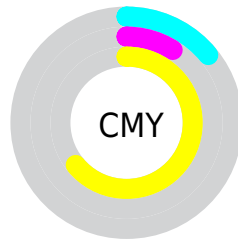


Cyan (5%)

Magenta (0%)

Yellow (60%)

Black (9%)



Cyan (14%)

Magenta (9%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292667228 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 4292667228 by changing the saturation by 10% instead.





4292667228



4292667228

4294967295



4290759488



4294967187



4288852001



4294967215



4287010048



4294967244



4285168384



4294967273



4283458048



4281617152



4279907328



4278198272



4278190080

 4292667228

 4292667228

 4292536133

 4292798323

 4292405038

 4292929418

 4292339479

 4292994977

 4292208384

 4293126072

 4293257168

 4293388263

 4293519358

 4293650431

 4293715967

# Harmonies

## Analogous

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



4294955611



4292667228



4287690116

# Triad

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



4292667228



4278254079



4294945274

# Complementary

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



4292667228



4284964071

# 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.



4294950399



4292667228



4278250751

# Square

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



4292667228



4278255359



4290238463



4294944697

# Rectangle

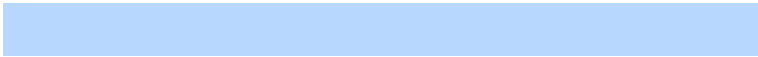
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292667228



4282514348



4290238463



4294946559



# Sweetspot

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



4292667228



4294705105



4293354844



4286414947



4278190080



4286611584



# Same Dimension

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



4292667228



4293984071



4288210780



4285690727



4288983808



4281283328



# Inverse Universe

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



4284964071



4283844607



4289420519



4285032307



4279107763



4278452275



# Previews

## White Background



This preview shows how the Android color 4292667228 looks on a white background.

## Color Contrast Check

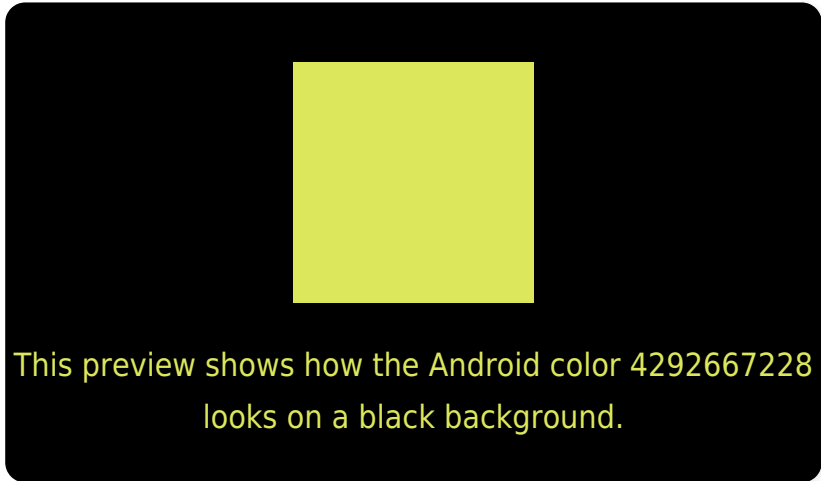
Large Text (above 18pt) WCAG AA × Fail

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 4292667228 Background



This preview shows how black text looks on a background with the Android color 4292667228.



This preview shows how white text looks on a background with the Android color 4292667228.

# 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](#).

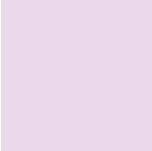
## Dichromacy



**Original Color**  
4292667228

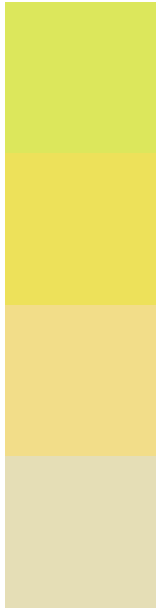
**Protanopia**  
4294434393

**Deuteranopia**  
4294957218



**Tritanopia**  
4293581290

# Trichromacy



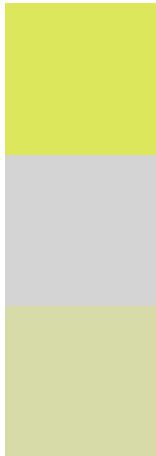
**Original Color**  
4292667228

**Protanomaly**  
4293779802

**Deuteranomaly**  
4294106505

**Tritanomaly**  
4293254838

# Monochromacy



**Original Color**  
4292667228

**Achromatopsia**  
4292138196

**Achromatomaly**  
4292336552

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292667228 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(220, 231, 92)` looks like.

```
.text, #text, p{  
    color:rgb(220, 231, 92)  
}
```

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(220, 231, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 231, 92) }
```

## Border

The CSS property to change the border of an element to Android 4292667228 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(220, 231, 92) }
```

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

```
.border{ border-color:rgb(220, 231, 92) }
```

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

Here you see how a box with a 4 pixel rgb(220, 231, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 231, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 231, 92);  
box-shadow:4px 4px 4px 4px rgb(220, 231,  
92) }
```

# Background

The CSS property to change the background color of an element to Android 4292667228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 231, 92) }
```

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

```
.background{ background-color: rgb(220,  
231, 92) }
```

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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