

# Converting Colors

Android(4292730496)

Have a look what the booklet for  
Android(4292730496) contains.

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# **Color**

**Android(4292730496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDDE80
RGB	221, 222, 128
RGB Percent	87%, 87%, 50%
CMY	0.1333, 0.1294, 0.4980
CMYK	0.00, 0.00, 0.42, 0.13
HSL	61°, 59%, 69%
HSV	61°, 42%, 87%
XYZ	59.8364, 69.1732, 30.6201
YIQ	210.9850, 29.5780, -29.4460

# Conversions

## Conversions Part 2

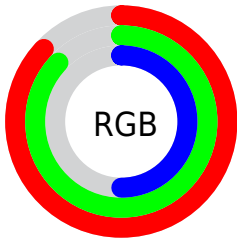
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 222, 129
Decimal	14540416
CIELab	86.59, -13.67, 45.85
CIELCh	87, 47.841, 106.602
Yxy	69.1732, 0.3748, 0.4333
Android (android.graphics.Color)	4292730496 (0xFFDDDE80)
YUV	210.9850, -40.9116, 8.7832
Hunter-Lab	83.1704, -17.1278, 36.3910

# Details

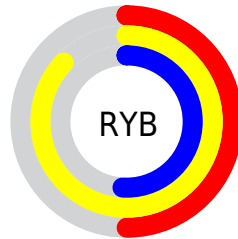
The Android color **4292730496** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **4286677214**, and the grayscale version is **4292072403**.

A 20% lighter version of the original color is **4294967222**, and **4288980812** is the 20% darker color. If you saturate the color by 10%, you get **4292730474**, and if you desaturate by 10%, it is **4292730518**.

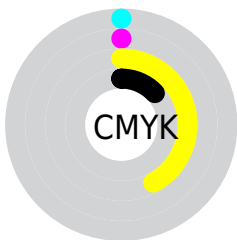
# Distribution



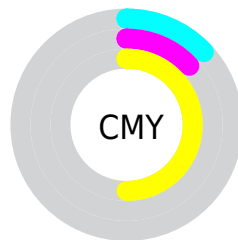
- Red (87%)
- Green (87%)
- Blue (50%)



- Red (50%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (42%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292730496 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 4292730496 by changing the saturation by 10% instead.



 4292730496

 4292730496

4294967295

 4290822758

 4294967222

 4288980812

 4294967250

 4287204659

 4294967279

 4285428505

 4283718400

 4282139392

 4280429824

 4278262272

 4278190080

 4292730496

 4292730496

 4292730474

 4292730518

 4292730452

 4292730540

 4292664893

 4292796099

 4292664871

 4292796121

 4292664849

 4292796143

 4292664832

 4292796159

 4292861695

# Harmonies

## Analogous

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



4294954880



4292730496



4289391001

# Triad

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



4292730496



4278251007



4294948847

# Complementary

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



4292730496



4286677214

# 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.



4294821119



4292730496



4285391871

# Square

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



4292730496



4278579697



4290762239



4294948545

# Rectangle

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



4292730496



4286836403



4290762239



4294949630



# Sweetspot

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



4292730496



4294967262



4292771968



4286546027



4278190080



4286611584



# Same Dimension

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



4292730496



4294901629



4289715840



4285558885



4289638400



4281348096



# Inverse Universe

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



4286677214



4286479871



4289691870



4284835184



4278321328

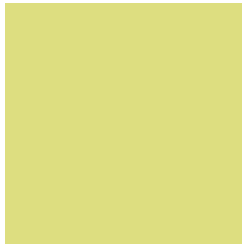


4278255664



# Previews

## White Background



This preview shows how the Android color 4292730496 looks on a white background.

## Color Contrast Check

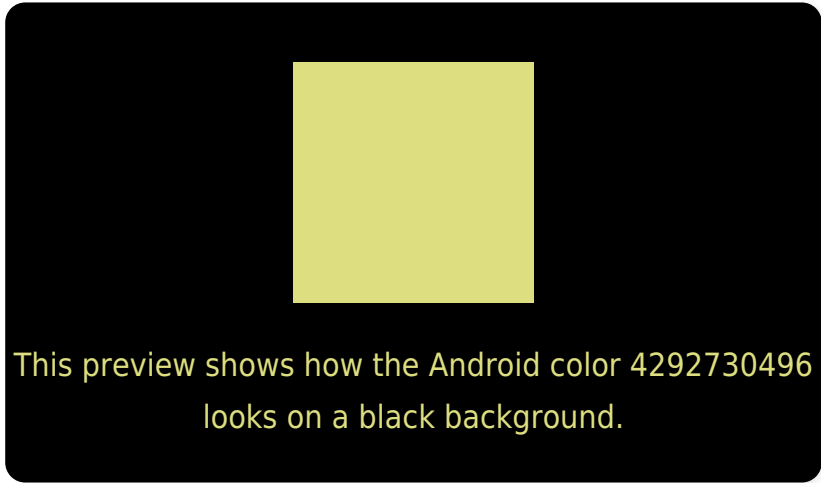
Large Text (above 18pt) WCAG AA × Fail

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

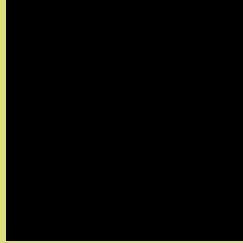
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292730496 Background



This preview shows how black text looks on a background with the Android color 4292730496.



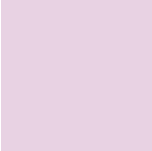
This preview shows how white text looks on a background with the Android color 4292730496.

# 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](#).

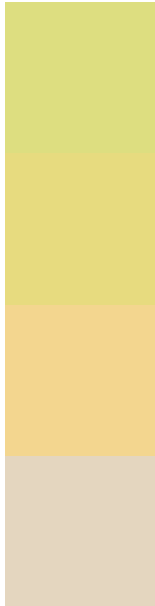
## Dichromacy





**Tritanopia**  
4293448419

# Trichromacy



**Original Color**  
4292730496

**Protanomaly**  
4293385087

**Deuteranomaly**  
4294170255

**Tritanomaly**  
4293187263

# Monochromacy



**Original Color**  
4292730496

**Achromatopsia**  
4292072403

**Achromatomaly**  
4292335541

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292730496 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(221, 222, 128)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 128)  
}
```

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(221, 222, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 128) }
```

## Border

The CSS property to change the border of an element to Android 4292730496 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(221, 222, 128) }
```

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

```
.border{ border-color:rgb(221, 222, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 222, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 222, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 222, 128); box-shadow:4px 4px 4px 4px rgb(221, 222, 128) }
```

# Background

The CSS property to change the background color of an element to Android 4292730496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 128) }
```

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

```
.background{ background-color: rgb(221,  
222, 128) }
```

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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