

# Converting Colors

Android(4292721504)

Have a look what the booklet for  
Android(4292721504) contains.

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# **Color**

**Android(4292721504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDBB60
RGB	221, 187, 96
RGB Percent	87%, 73%, 38%
CMY	0.1333, 0.2667, 0.6235
CMYK	0.00, 0.15, 0.57, 0.13
HSL	44°, 65%, 62%
HSV	44°, 57%, 87%
XYZ	49.7004, 51.7573, 18.4370
YIQ	186.7920, 49.4750, -21.0930

# Conversions

## Conversions Part 2

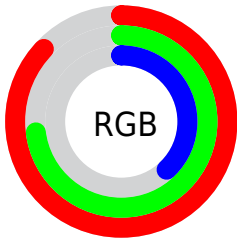
Format	Color
R <sub>YB</sub>	143, 221, 96
Decimal	14531424
CIE Lab	77.14, 1.37, 49.93
CIE LCh	77, 49.950, 88.424
Yxy	51.7573, 0.4145, 0.4317
Android (android.graphics.Color)	4292721504 (0xFFDDBB60)
YUV	186.7920, -44.7605, 30.0004
Hunter-Lab	71.9426, -2.5855, 35.1653

# Details

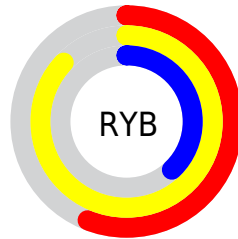
The Android color `4292721504` is a light color, and the websafe version is hex `FFCC66`. A complement of this color would be `4284515037`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4294964117`, and `4288906797` is the 20% darker color. If you saturate the color by 10%, you get `4292719946`, and if you desaturate by 10%, it is `4292723062`.

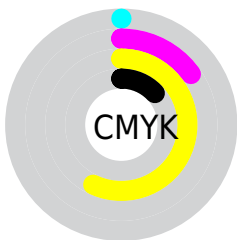
# Distribution



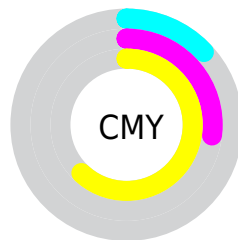
- Red (87%)
- Green (73%)
- Blue (38%)



- Red (56%)
- Yellow (87%)
- Blue (38%)



- Cyan (0%)
- Magenta (15%)
- Yellow (57%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292721504 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 4292721504 by changing the saturation by 10% instead.





4292721504



4292721504

4294967295



4290814022



4294964117



4288906797



4294967216



4287065360



4294967244



4285289728



4294967273



4283514368



4281804800



4280161280



4278190080



4292721504



4292721504

■ 4292719946

■ 4292723062

■ 4292718388

■ 4292724620

■ 4292716830

■ 4292726178

■ 4292715272

■ 4292727736

■ 4292714752

■ 4292729295

■ 4292730853

■ 4292732411

■ 4292733951

■ 4292735487

# Harmonies

## Analogous

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



4294945393



4292721504



4289644907

# Triad

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



4292721504



4278245097



4294353648

# Complementary

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



4292721504



4284515037

# 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.



4290753535



4292721504



4278243583

# Square

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



4292721504



4278441658



4285318399



4294941123

# Rectangle

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



4292721504



4287287167



4285318399



4293306620

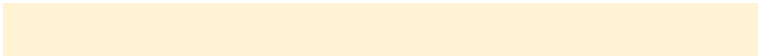


# Sweetspot

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



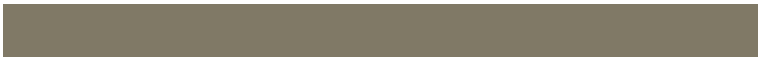
4292721504



4294964180



4292698243



4286609766



4278190080



4286611584



# Same Dimension

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



4292721504



4294955090



4290960736



4285426531



4289560064



4281213184



# Inverse Universe

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



4284515037



4283597311



4286275805



4284704366



4278202285



4278193198



# Previews

## White Background



This preview shows how the Android color 4292721504 looks on a white background.

## Color Contrast Check

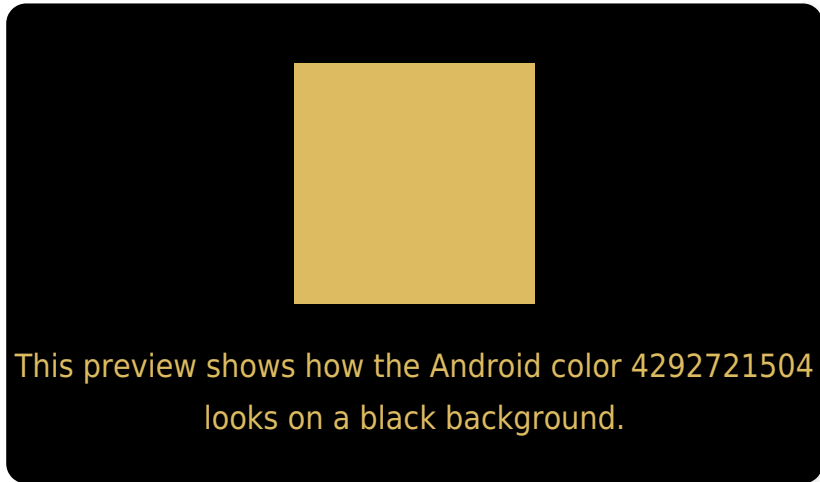
Large Text (above 18pt) WCAG AA × Fail

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 4292721504 Background



This preview shows how black text looks on a background with the Android color 4292721504.



This preview shows how white text looks on a background with the Android color 4292721504.

# 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**  
4292721504

**Protanopia**  
4292067169

**Deuteranopia**  
4293572193



**Tritanopia**  
4293243070

# Trichromacy



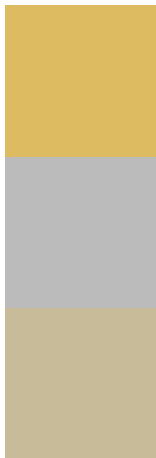
**Original Color**  
4292721504

**Protanomaly**  
4292329057

**Deuteranomaly**  
4293245025

**Tritanomaly**  
4293047452

# Monochromacy



**Original Color**  
4292721504

**Achromatopsia**  
4290493371

**Achromatomaly**  
4291279770

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292721504 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, 187, 96)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 96)  
}
```

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, 187, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 96) }
```

## Border

The CSS property to change the border of an element to Android 4292721504 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, 187, 96) }
```

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

```
.border{ border-color:rgb(221, 187, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 187, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 187, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 187, 96);  
box-shadow:4px 4px 4px 4px rgb(221, 187,  
96) }
```

# Background

The CSS property to change the background color of an element to Android 4292721504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 96) }
```

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

```
.background{ background-color: rgb(221,  
187, 96) }
```

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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