

# Converting Colors

Android(4292461327)

Have a look what the booklet for  
Android(4292461327) contains.

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# **Color**

**Android(4292461327)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9C30F
RGB	217, 195, 15
RGB Percent	85%, 76%, 6%
CMY	0.1490, 0.2353, 0.9412
CMYK	0.00, 0.10, 0.93, 0.15
HSL	53°, 87%, 45%
HSV	53°, 93%, 85%
XYZ	48.2166, 53.8164, 8.2983
YIQ	181.0580, 70.8920, -51.3160

# Conversions

## Conversions Part 2

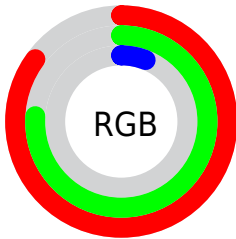
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 217, 15
Decimal	14271247
CIELab	78.35, -7.93, 77.88
CIELCh	78, 78.288, 95.814
Yxy	53.8164, 0.4370, 0.4878
Android (android.graphics.Color)	4292461327 (0xFFD9C30F)
YUV	181.0580, -81.8666, 31.5211
Hunter-Lab	73.3597, -11.0580, 44.6450

# Details

The Android color **4292461327** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **4279182809**, and the grayscale version is **4290164406**.

A 20% lighter version of the original color is **4294966104**, and **4288515584** is the 20% darker color. If you saturate the color by 10%, you get **4292460800**, and if you desaturate by 10%, it is **4292461861**.

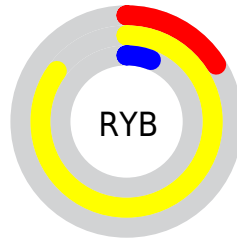
# Distribution



Red (85%)

Green (76%)

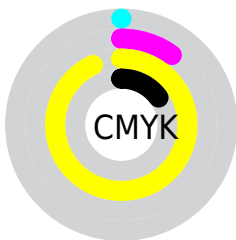
Blue (6%)



Red (16%)

Yellow (85%)

Blue (6%)

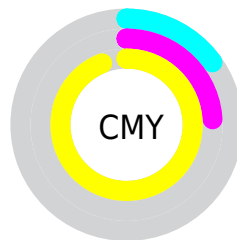


Cyan (0%)

Magenta (10%)

Yellow (93%)

Black (15%)



Cyan (15%)

Magenta (24%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292461327 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 4292461327 by changing the saturation by 10% instead.





4292461327



4292461327

4294967295



4290488320



4294966104



4288515584



4294967157



4286674176



4294967185



4284767232



4294967214



4282926336



4294967243



4281282304



4294967273



4279638784



4278190080



4292461327



4292461327

■ 4292460800

■ 4292461861

■ 4292462650

■ 4292463184

■ 4292463718

■ 4292464508

■ 4292465041

■ 4292465831

■ 4292466365

■ 4292466898

# Harmonies

## Analogous

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



4294944821



4292461327



4287485248

# Triad

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



4292461327



4278248191



4294936831

# Complementary

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



4292461327



4279182809

# 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.



4292258047



4292461327



4278245887

# Square

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



4292461327



4278248654



4278241023



4294932919

# Rectangle

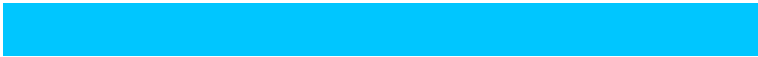
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292461327



4282113387



4278241023



4294939391



# Sweetspot

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



4292461327



4294965176



4292415271



4286610260



4278190080



4286611584



# Same Dimension

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



4292461327



4294959872



4287420687



4285426787



4289567488



4281215232



# Inverse Universe

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



4279182809



4278197503



4284223449



4284703854



4278195117



4278191406



# Previews

## White Background



This preview shows how the Android color 4292461327 looks on a white background.

## Color Contrast Check

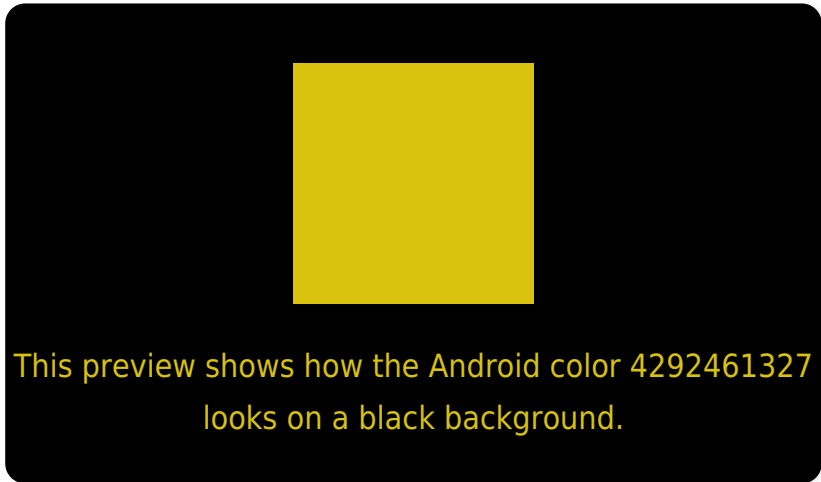
Large Text (above 18pt) WCAG AA × Fail

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 4292461327 Background



This preview shows how black text looks on a background with the Android color 4292461327.

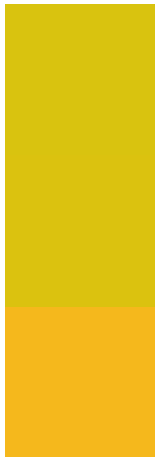


This preview shows how white text looks on a background with the Android color 4292461327.

# 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**  
4292461327

**Protanopia**  
4292592143

**Deuteranopia**  
4294293532



**Tritanopia**  
4293178819

# Trichromacy



**Original Color**  
4292461327

**Protanomaly**  
4292526607

**Deuteranomaly**  
4293639191

**Tritanomaly**  
4292917890

# Monochromacy



**Original Color**  
4292461327

**Achromatopsia**  
4290098613

**Achromatomaly**  
4290951801

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292461327 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(217, 195, 15)` looks like.

```
.text, #text, p{  
    color:rgb(217, 195, 15)  
}
```

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(217, 195, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 195, 15) }
```

## Border

The CSS property to change the border of an element to Android 4292461327 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(217, 195, 15) }
```

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

```
.border{ border-color:rgb(217, 195, 15) }
```

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

Here you see how a box with a 4 pixel rgb(217, 195, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 195, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 195, 15);  
box-shadow:4px 4px 4px 4px rgb(217, 195,  
15) }
```

# Background

The CSS property to change the background color of an element to Android 4292461327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 195, 15) }
```

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

```
.background{ background-color: rgb(217,  
195, 15) }
```

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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