

# Converting Colors

Android(4293177924)

Have a look what the booklet for  
Android(4293177924) contains.

<b>Android(4293177924)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4293177924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4B244
RGB	228, 178, 68
RGB Percent	89%, 70%, 27%
CMY	0.1059, 0.3020, 0.7333
CMYK	0.00, 0.22, 0.70, 0.11
HSL	41°, 75%, 58%
HSV	41°, 70%, 89%
XYZ	48.9587, 48.7521, 12.2985
YIQ	180.4100, 65.1100, -23.6100

# Conversions

## Conversions Part 2

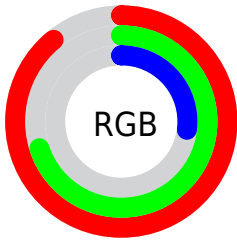
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 228, 68
Decimal	14987844
CIELab	75.30, 7.28, 60.73
CIELCh	75, 61.166, 83.160
Yxy	48.7521, 0.4450, 0.4432
Android (android.graphics.Color)	4293177924 (0xFFE4B244)
YUV	180.4100, -55.4181, 41.7364
Hunter-Lab	69.8227, 2.9719, 38.4326

# Details

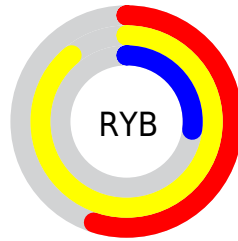
The Android color `4293177924` is a light color, and the websafe version is hex `CC9933`. The color can be described as light muted orange. A complement of this color would be `4282676964`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4294961530`, and `4289232385` is the 20% darker color. If you saturate the color by 10%, you get `4293176109`, and if you desaturate by 10%, it is `4293179739`.

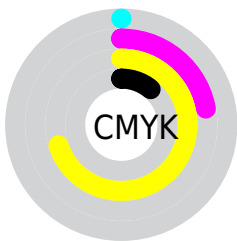
# Distribution



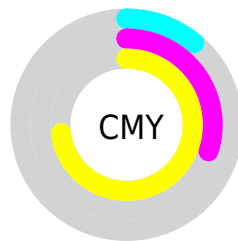
- Red (89%)
- Green (70%)
- Blue (27%)



- Red (55%)
- Yellow (89%)
- Blue (27%)



- Cyan (0%)
- Magenta (22%)
- Yellow (70%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293177924 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 4293177924 by changing the saturation by 10% instead.



 4293177924

 4293177924

4294967295

 4291204904

 4294961530

 4289232385

 4294967189

 4287325440

 4294967217

 4285549824

 4294967245

 4283643648

 4294967274

 4281934336

 4280290560

 4278190080

 4293177924

 4293177924

 4293176109

 4293179739

 4293174294

 4293181554

 4293172480

 4293183368

 4293185439

 4293187254

 4293189069

 4293190884

 4293192698

 4293194495

# Harmonies

## Analogous

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



4294942048



4293177924



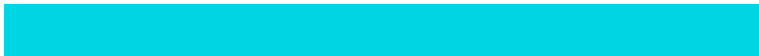
4289643339

# Triad

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



4293177924



4278244836



4294089214

# Complementary

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



4293177924



4282676964

# 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.



4289114367



4293177924



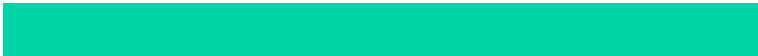
4278243583

# Square

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



4293177924



4278244778



4278240255



4294937033

# Rectangle

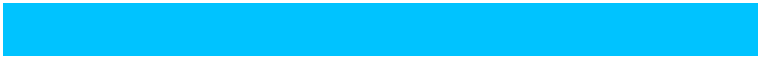
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293177924



4286762083



4278240255



4292714751

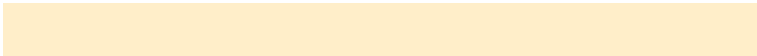


# Sweetspot

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



4293177924



4294962889



4293149815



4286608992



4278190080



4286611584



# Same Dimension

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



4293177924



4294949929



4291290180



4285755239



4289952512



4281541376



# Inverse Universe

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



4282676964



4280904959



4284564708



4284967795



4278204595



4278194227



# Previews

## White Background



This preview shows how the Android color 4293177924 looks on a white background.

## Color Contrast Check

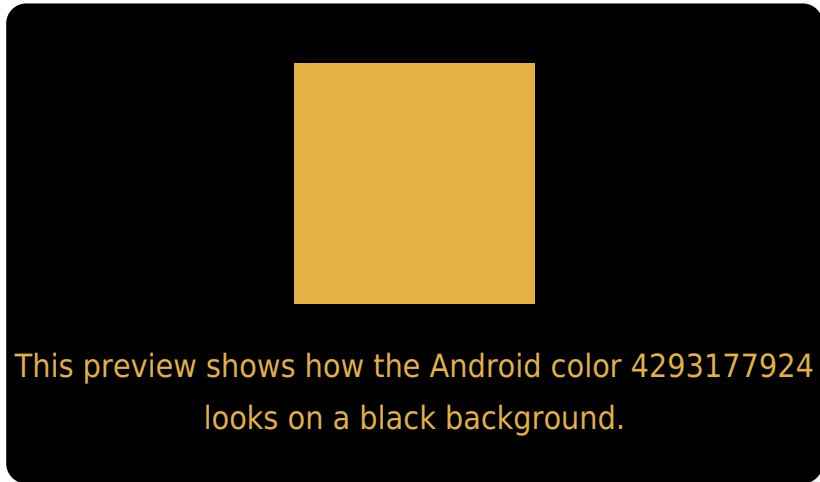
Large Text (above 18pt) WCAG AA × Fail

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 4293177924 Background



This preview shows how black text looks on a background with the Android color 4293177924.



This preview shows how white text looks on a background with the Android color 4293177924.

# 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**  
4293177924

**Protanopia**  
4291803718

**Deuteranopia**  
4293439556



**Tritanopia**  
4293699508

# Trichromacy



**Original Color**  
4293177924

**Protanomaly**  
4292327237

**Deuteranomaly**  
4293374276

**Tritanomaly**  
4293503883

# Monochromacy



**Original Color**  
4293177924

**Achromatopsia**  
4290032820

**Achromatomaly**  
4291146635

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293177924 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(228, 178, 68)` looks like.

```
.text, #text, p{  
    color:rgb(228, 178, 68)  
}
```

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(228, 178, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 178, 68) }
```

## Border

The CSS property to change the border of an element to Android 4293177924 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(228, 178, 68) }
```

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

```
.border{ border-color:rgb(228, 178, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 178, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 178, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 178, 68);  
box-shadow:4px 4px 4px 4px rgb(228, 178,  
68) }
```

# Background

The CSS property to change the background color of an element to Android 4293177924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 178, 68) }
```

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

```
.background{ background-color: rgb(228,  
178, 68) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor