

# Converting Colors

Android(4291344738)

Have a look what the booklet for  
Android(4291344738) contains.

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# **Color**

**Android(4291344738)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8B962
RGB	200, 185, 98
RGB Percent	78%, 73%, 38%
CMY	0.2157, 0.2745, 0.6157
CMYK	0.00, 0.08, 0.51, 0.22
HSL	51°, 48%, 58%
HSV	51°, 51%, 78%
XYZ	43.3730, 47.8591, 18.5070
YIQ	179.5670, 36.8670, -23.8770

# Conversions

## Conversions Part 2

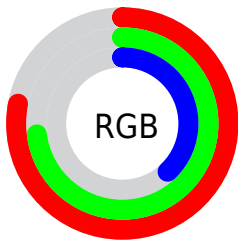
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 200, 98
Decimal	13154658
CIELab	74.74, -6.16, 45.65
CIELCh	75, 46.068, 97.684
Yxy	47.8591, 0.3952, 0.4361
Android (android.graphics.Color)	4291344738 (0xFFC8B962)
YUV	179.5670, -40.2125, 17.9197
Hunter-Lab	69.1803, -9.1539, 32.5650

# Details

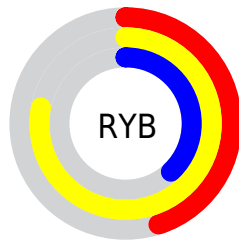
The Android color **4291344738** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **4284641736**, and the grayscale version is **4290032820**.

A 20% lighter version of the original color is **4294963607**, and **4287661103** is the 20% darker color. If you saturate the color by 10%, you get **4291343950**, and if you desaturate by 10%, it is **4291345526**.

# Distribution



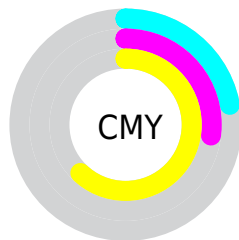
- Red (78%)
- Green (73%)
- Blue (38%)



- Red (45%)
- Yellow (78%)
- Blue (38%)



- Cyan (0%)
- Magenta (8%)
- Yellow (51%)
- Black (22%)



- Cyan (22%)
- Magenta (27%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291344738 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 4291344738 by changing the saturation by 10% instead.





4291344738



4291344738

4294967295



4289502793



4294963607



4287661103



4294967218



4285885205



4294967246



4284109568



4294967275



4282465280



4280821504



4278915840



4278190080



4291344738



4291344738


 4291343950

 4291345526


 4291343162

 4291346314

 4291342374

 4291347102

 4291341586

 4291347890

 4291341056

 4291348678

 4291349466

 4291350254

 4291351039

 4291351551

# Harmonies

## Analogous

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



4293765738



4291344738



4288333171

# Triad

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



4291344738



4278242538



4294351833

# Complementary

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



4291344738



4284641736

# 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.



4291471867



4291344738



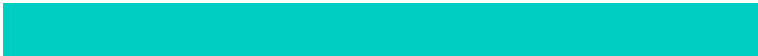
4280337919

# Square

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



4291344738



4278243010



4287216127



4294940334

# Rectangle

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



4291344738



4286040713



4287216127



4293566438



# Sweetspot

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



4291344738



4294965721



4291322481



4286610537



4278190080



4286611584



# Same Dimension

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



4291344738



4294961251



4288989282



4284703322



4288908032



4280557056



# Inverse Universe

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



4284641736



4284709631



4286997192



4284111715



4278196387



4278191396



# Previews

## White Background



This preview shows how the Android color 4291344738 looks on a white background.

## Color Contrast Check

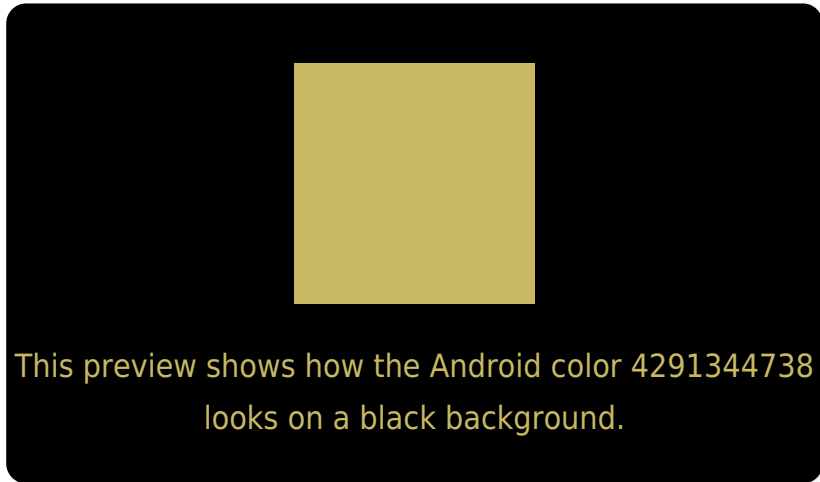
Large Text (above 18pt) WCAG AA × Fail

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

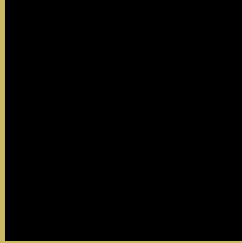
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291344738 Background



This preview shows how black text looks on a background with the Android color 4291344738.



This preview shows how white text looks on a background with the Android color 4291344738.

# 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**  
4291344738

**Protanopia**  
4291541090

**Deuteranopia**  
4292980580



**Tritanopia**  
4291932092

# Trichromacy



**Original Color**  
4291344738

**Protanomaly**  
4291475554

**Deuteranomaly**  
4292391779

**Tritanomaly**  
4291736475

# Monochromacy



**Original Color**  
4291344738

**Achromatopsia**  
4290032820

**Achromatomaly**  
4290492054

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291344738 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(200, 185, 98)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 98)  
}
```

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(200, 185, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 98) }
```

## Border

The CSS property to change the border of an element to Android 4291344738 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(200, 185, 98) }
```

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

```
.border{ border-color:rgb(200, 185, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 98);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
98) }
```

# Background

The CSS property to change the background color of an element to Android 4291344738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 98) }
```

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

```
.background{ background-color: rgb(200,  
185, 98) }
```

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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