

# Converting Colors

Android(4291998008)

Have a look what the booklet for  
Android(4291998008) contains.

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# **Color**

**Android(4291998008)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2B138
RGB	210, 177, 56
RGB Percent	82%, 69%, 22%
CMY	0.1765, 0.3059, 0.7804
CMYK	0.00, 0.16, 0.73, 0.18
HSL	47°, 63%, 52%
HSV	47°, 73%, 82%
XYZ	43.0143, 45.4314, 10.2434
YIQ	173.0730, 58.5090, -30.6350

# Conversions

## Conversions Part 2

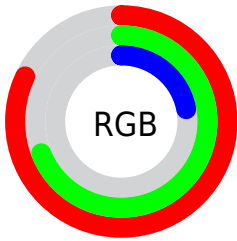
Format	Color
<a href="#">RYB</a>	<a href="#">98, 210, 56</a>
Decimal	<a href="#">13807928</a>
CIELab	<a href="#">73.18, -0.50, 62.79</a>
CIELCh	<a href="#">73, 62.790, 90.453</a>
Yxy	<a href="#">45.4314, 0.4359, 0.4603</a>
Android (android.graphics.Color)	<a href="#">4291998008</a> ( <a href="#">0xFFD2B138</a> )
YUV	<a href="#">173.0730, -57.7170, 32.3850</a>
Hunter-Lab	<a href="#">67.4029, -4.0421, 38.1715</a>

# Details

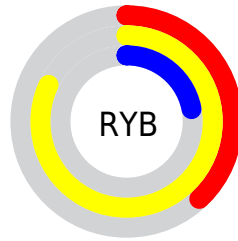
The Android color **4291998008** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4281883090**, and the grayscale version is **4289638062**.

A 20% lighter version of the original color is **4294961263**, and **4288118016** is the 20% darker color. If you saturate the color by 10%, you get **4291996707**, and if you desaturate by 10%, it is **4291999053**.

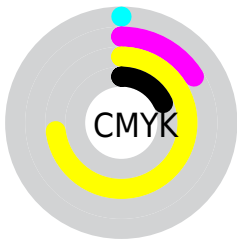
# Distribution



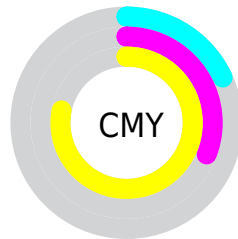
- Red (82%)
- Green (69%)
- Blue (22%)



- Red (38%)
- Yellow (82%)
- Blue (22%)



- Cyan (0%)
- Magenta (16%)
- Yellow (73%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291998008 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 4291998008 by changing the saturation by 10% instead.





4291998008



4291998008

4294967295



4290024985



4294961263



4288118016



4294967178



4286276608



4294967206



4284500992



4294967234



4282660352



4294967263



4281016576

4294967292



4279241472



4278190080



4291998008



4291998008

■ 4291996707

■ 4291999053

■ 4291995662

■ 4292000354

■ 4291994880

■ 4292001655

■ 4292002700

■ 4292003745

■ 4292005046

■ 4292006347

■ 4292007392

■ 4292008693

# Harmonies

## Analogous

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



4294941519



4291998008



4288201034

# Triad

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



4291998008



4278243308



4294610413

# Complementary

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



4291998008



4281883090

# 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.



4290159871



4291998008



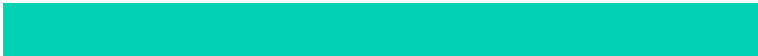
4278241535

# Square

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



4291998008



4278243507



4280597247



4294934453

# Rectangle

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



4291998008



4284991847



4280597247



4293432574



# Sweetspot

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



4291998008



4294964167



4291967065



4286609502



4278190080



4286611584



# Same Dimension

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



4291998008



4294954783



4289122872



4285097566



4289233920



4280885248



# Inverse Universe

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



4281883090



4280242175



4284758226



4284375145



4278199464



4278192425



# Previews

## White Background



This preview shows how the Android color 4291998008 looks on a white background.

## Color Contrast Check

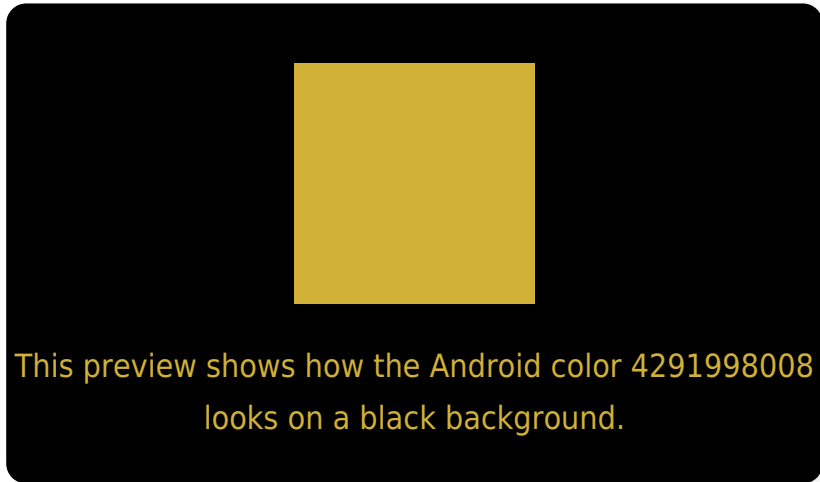
Large Text (above 18pt) WCAG AA × Fail

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 4291998008 Background



This preview shows how black text looks on a background with the Android color 4291998008.

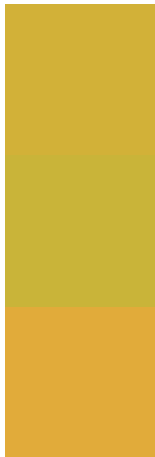


This preview shows how white text looks on a background with the Android color 4291998008.

# 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**  
4291998008

**Protanopia**  
4291408953

**Deuteranopia**  
4292979514



**Tritanopia**  
4292584882

# Trichromacy



**Original Color**  
4291998008

**Protanomaly**  
4291605305

**Deuteranomaly**  
4292652345

**Tritanomaly**  
4292389254

# Monochromacy



**Original Color**  
4291998008

**Achromatopsia**  
4289572269

**Achromatomaly**  
4290424450

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291998008 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(210, 177, 56)` looks like.

```
.text, #text, p{  
    color:rgb(210, 177, 56)  
}
```

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(210, 177, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 177, 56) }
```

## Border

The CSS property to change the border of an element to Android 4291998008 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(210, 177, 56) }
```

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

```
.border{ border-color:rgb(210, 177, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 177, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 177, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 177, 56);  
box-shadow:4px 4px 4px 4px rgb(210, 177,  
56) }
```

# Background

The CSS property to change the background color of an element to Android 4291998008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 177, 56) }
```

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

```
.background{ background-color: rgb(210,  
177, 56) }
```

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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