

Converting Colors

Android(4291738227)

Have a look what the booklet for
Android(4291738227) contains.

Android(4291738227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4291738227)

Conversions

Conversions Part 1

Format	Color
Hex	CEBA73
RGB	206, 186, 115
RGB Percent	81%, 73%, 45%
CMY	0.1922, 0.2706, 0.5490
CMYK	0.00, 0.10, 0.44, 0.19
HSL	47°, 48%, 63%
HSV	47°, 44%, 81%
XYZ	46.1070, 49.4774, 23.3397
YIQ	183.8860, 34.7110, -17.8410

Conversions

Conversions Part 2

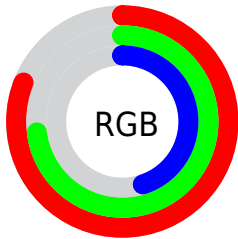
Format	Color
RYB	141, 206, 115
Decimal	13548147
CIELab	75.75, -2.60, 38.49
CIElCh	76, 38.578, 93.857
Yxy	49.4774, 0.3877, 0.4160
Android (android.graphics.Color)	4291738227 (0xFFCEBA73)
YUV	183.8860, -33.9608, 19.3940
Hunter-Lab	70.3402, -6.0911, 29.5651

Details

The Android color **4291738227** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **4285761486**, and the grayscale version is **4290295992**.

A 20% lighter version of the original color is **4294963880**, and **4288054593** is the 20% darker color. If you saturate the color by 10%, you get **4291736926**, and if you desaturate by 10%, it is **4291739528**.

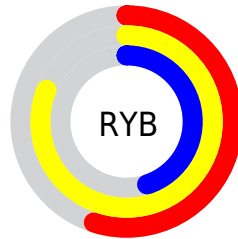
Distribution



Red (81%)

Green (73%)

Blue (45%)



Red (55%)

Yellow (81%)

Blue (45%)

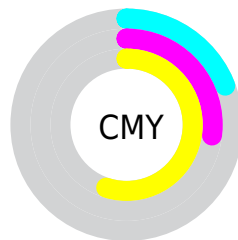


Cyan (0%)

Magenta (10%)

Yellow (44%)

Black (19%)



Cyan (19%)

Magenta (27%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291738227 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 4291738227 by changing the saturation by 10% instead.



4291738227



4291738227

4294967295



4289896282



4294963880



4288054593



4294967236



4286278697



4294967264



4284568592

4294967293



4282858752



4281280256



4279636736



4278190080



4291738227



4291738227

■ 4291736926

■ 4291739528

■ 4291735882

■ 4291740572

■ 4291734581

■ 4291741873

■ 4291733537

■ 4291742917

■ 4291732236

■ 4291744218

■ 4291731712

■ 4291745263

■ 4291746559

■ 4291747583

■ 4291748863

Harmonies

Analogous

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



4293701244



4291738227



4289250430

Triad

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



4291738227



4281322977



4293698779

Complementary

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



4291738227



4285761486

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.



4291145974



4291738227



4283746298

Square

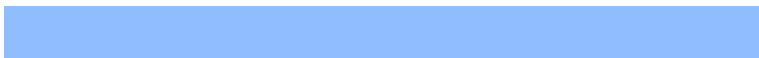
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291738227



4283420350



4287675903



4294942647

Rectangle

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



4291738227



4287416720



4287675903



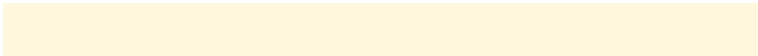
4292978917

Sweetspot

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



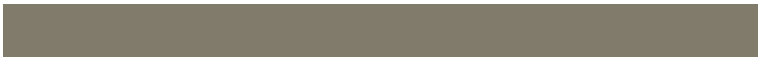
4291738227



4294965470



4291720072



4286610283



4278190080



4286611584

Same Dimension

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



4291738227



4294959480



4290170483



4284900444



4289102080



4280688128

Inverse Universe

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



4285761486



4286093055



4287329230



4284243558



4278199462



4278192166

Previews

White Background



This preview shows how the Android color 4291738227 looks on a white background.

Color Contrast Check

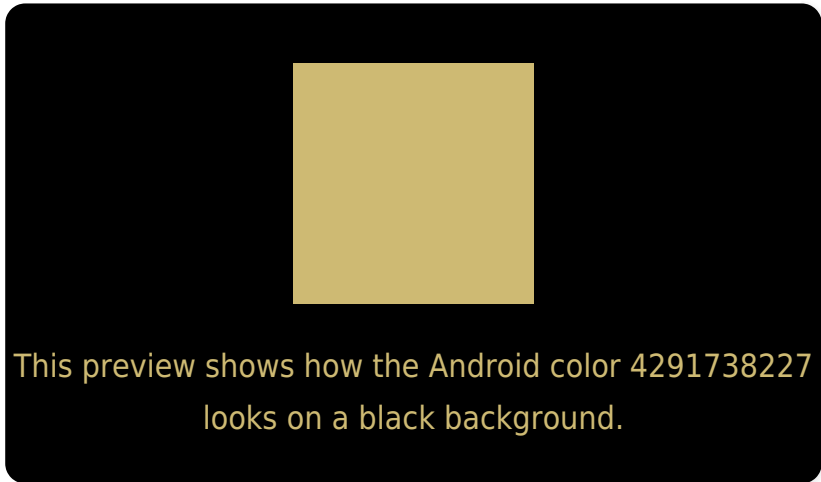
Large Text (above 18pt) WCAG AA × Fail

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

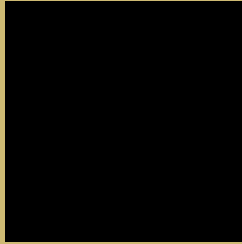
Any Text WCAG AA ✓ Pass

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 4291738227 Background



This preview shows how black text looks on a background with the Android color 4291738227.

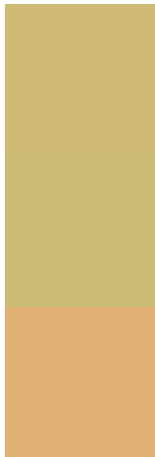


This preview shows how white text looks on a background with the Android color 4291738227.

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
4291738227

Protanopia
4291607411

Deuteranopia
4293046901



Tritanopia
4292260287

Trichromacy



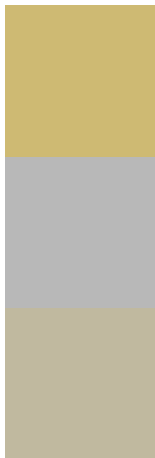
Original Color
4291738227

Protanomaly
4291672947

Deuteranomaly
4292588916

Tritanomaly
4292064419

Monochromacy



Original Color
4291738227

Achromatopsia
4290295992

Achromatomaly
4290820511

CSS Examples

Text

The CSS property to change the color of the text to Android 4291738227 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(206, 186, 115)` looks like.

```
.text, #text, p{  
    color:rgb(206, 186, 115)  
}
```

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(206, 186, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 186, 115) }
```

Border

The CSS property to change the border of an element to Android 4291738227 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(206, 186, 115) }
```

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

```
.border{ border-color:rgb(206, 186, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 186, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 186, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 186, 115);  
box-shadow:4px 4px 4px 4px rgb(206, 186,  
115) }
```

Background

The CSS property to change the background color of an element to Android 4291738227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 186, 115) }
```

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

```
.background{ background-color: rgb(206,  
186, 115) }
```

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