

Converting Colors

Android(4291602204)

Have a look what the booklet for
Android(4291602204) contains.

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Color

Android(4291602204)

Conversions

Conversions Part 1

Format	Color
Hex	CCA71C
RGB	204, 167, 28
RGB Percent	80%, 65%, 11%
CMY	0.2000, 0.3451, 0.8902
CMYK	0.00, 0.18, 0.86, 0.20
HSL	47°, 76%, 45%
HSV	47°, 86%, 80%
XYZ	38.9302, 40.5586, 6.8754
YIQ	162.2170, 66.6710, -35.3850

Conversions

Conversions Part 2

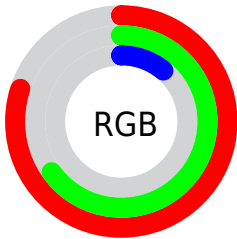
Format	Color
RYB	75, 204, 28
Decimal	13412124
CIELab	69.87, 1.21, 68.40
CIELCh	70, 68.413, 88.984
Yxy	40.5586, 0.4508, 0.4696
Android (android.graphics.Color)	4291602204 (0xFFCCA71C)
YUV	162.2170, -66.1690, 36.6437
Hunter-Lab	63.6857, -2.3354, 38.1791

Details

The Android color **4291602204** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **4280041932**, and the grayscale version is **4288914339**.

A 20% lighter version of the original color is **4294958681**, and **4287722496** is the 20% darker color. If you saturate the color by 10%, you get **4291601160**, and if you desaturate by 10%, it is **4291603248**.

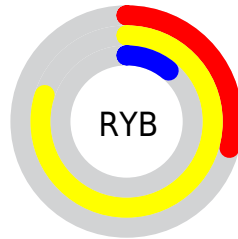
Distribution



Red (80%)

Green (65%)

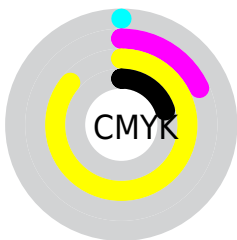
Blue (11%)



Red (29%)

Yellow (80%)

Blue (11%)

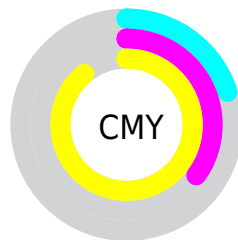


Cyan (0%)

Magenta (18%)

Yellow (86%)

Black (20%)



Cyan (20%)


Magenta (35%)


Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291602204 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 4291602204 by changing the saturation by 10% instead.

 4291602204

 4291602204

4294967295

 4289629440

 4294958681

 4287722496

 4294965876

 4285881088

 4294967184

 4284040192

 4294967212

 4282265088

 4294967241

 4280621568

 4294967270

 4278321152

 4278190080

 4291602204

 4291602204

■ 4291601160

■ 4291603248

■ 4291600640

■ 4291604549

■ 4291605593

■ 4291606638

■ 4291607682

■ 4291608982

■ 4291610027

■ 4291611071

■ 4291612372

Harmonies

Analogous

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



4294741822



4291602204



4287609138

Triad

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



4291602204



4278241509



4294213868

Complementary

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



4291602204



4280041932

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.



4289108991



4291602204



4278239743

Square

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



4291602204



4278241447



4278236159



4294930351

Rectangle

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



4291602204



4284006484



4278236159



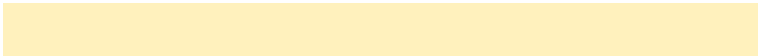
4292839933

Sweetspot

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



4291602204



4294963645



4291566658



4286609240



4278190080



4286611584

Same Dimension

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



4291602204



4294953216



4288334876



4284900444



4289102592



4280688128

Inverse Universe

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



4280041932



4278204159



4283309260



4284243558



4278199206



4278192166

Previews

White Background



This preview shows how the Android color 4291602204 looks on a white background.

Color Contrast Check

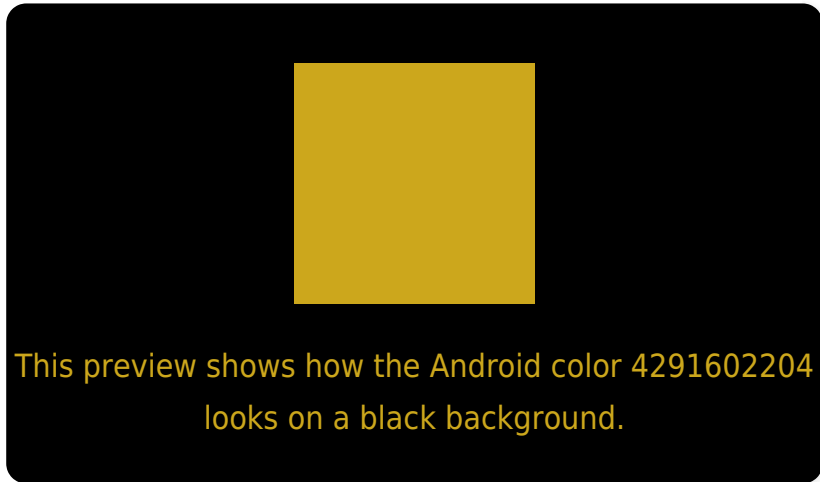
Large Text (above 18pt) WCAG AA × Fail

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 4291602204 Background



This preview shows how black text looks on a background with the Android color 4291602204.

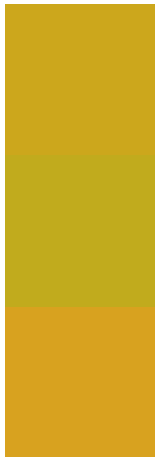


This preview shows how white text looks on a background with the Android color 4291602204.

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
4291602204

Protanopia
4290882333

Deuteranopia
4292387359



Tritanopia
4292189095

Trichromacy



Original Color
4291602204

Protanomaly
4291144221

Deuteranomaly
4292125726

Tritanomaly
4291993460

Monochromacy



Original Color
4291602204

Achromatopsia
4288848546

Achromatomaly
4289832049

CSS Examples

Text

The CSS property to change the color of the text to Android 4291602204 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(204, 167, 28)` looks like.

```
.text, #text, p{  
    color:rgb(204, 167, 28)  
}
```

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(204, 167, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 167, 28) }
```

Border

The CSS property to change the border of an element to Android 4291602204 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(204, 167, 28) }
```

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

```
.border{ border-color:rgb(204, 167, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 167, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 167, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 167, 28);  
box-shadow:4px 4px 4px 4px rgb(204, 167,  
28) }
```

Background

The CSS property to change the background color of an element to Android 4291602204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 167, 28) }
```

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

```
.background{ background-color: rgb(204,  
167, 28) }
```

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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