

Converting Colors

Android(4291206402)

Have a look what the booklet for
Android(4291206402) contains.

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Color

Android(4291206402)

Conversions

Conversions Part 1

Format	Color
Hex	C69D02
RGB	198, 157, 2
RGB Percent	78%, 62%, 1%
CMY	0.2235, 0.3843, 0.9922
CMYK	0.00, 0.21, 0.99, 0.22
HSL	47°, 98%, 39%
HSV	47°, 99%, 78%
XYZ	35.3566, 36.1241, 5.1666
YIQ	151.5890, 74.1910, -39.5130

Conversions

Conversions Part 2

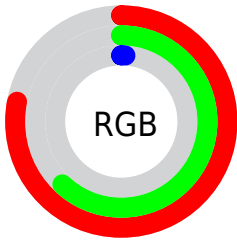
Format	Color
RYB	54, 198, 2
Decimal	13016322
CIELab	66.61, 3.50, 70.03
CIElCh	67, 70.120, 87.141
Yxy	36.1241, 0.4613, 0.4713
Android (android.graphics.Color)	4291206402 (0xFFC69D02)
YUV	151.5890, -73.7474, 40.7024
Hunter-Lab	60.1033, -0.1757, 36.9757

Details

The Android color `4291206402` 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 `4278332358`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4294955852`, and `4287326720` is the 20% darker color. If you saturate the color by 10%, you get `4291206400`, and if you desaturate by 10%, it is `4291207446`.

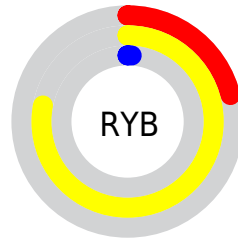
Distribution



Red (78%)

Green (62%)

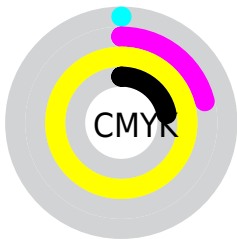
Blue (1%)



Red (21%)

Yellow (78%)

Blue (1%)

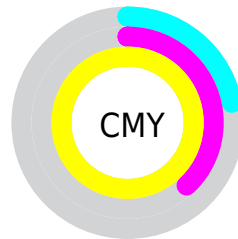


Cyan (0%)

Magenta (21%)

Yellow (99%)

Black (22%)



Cyan (22%)

Magenta (38%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291206402 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 4291206402 by changing the saturation by 10% instead.



4291206402



4291206402

4294967295



4289233664



4294955852



4287326720



4294963048



4285485568



4294967172



4283579392



4294967200



4281869824



4294967228



4280226304



4294967257



4278190080



4294967286



4291206402



4291206402

■ 4291206400

■ 4291207446

■ 4291208490

■ 4291209533

■ 4291210833

■ 4291211877

■ 4291212921

■ 4291213965

■ 4291215008

■ 4291216052

Harmonies

Analogous

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



4294280245



4291206402



4287213344

Triad

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



4291206402



4278239194



4293425127

Complementary

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



4291206402



4278332358

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.



4287993087



4291206402



4278237695

Square

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



4291206402



4278239130



4278234111



4294927275

Rectangle

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



4291206402



4283610950



4278234111



4291985913

Sweetspot

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



4291206402



4294963123



4291166764



4286608978



4278190080



4286611584

Same Dimension

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



4291206402



4294953472



4287546882



4284703066



4288905472



4280556544

Inverse Universe

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



4278332358



4278203903



4281991878



4284111971



4278198947



4278191908

Previews

White Background



This preview shows how the Android color 4291206402 looks on a white background.

Color Contrast Check

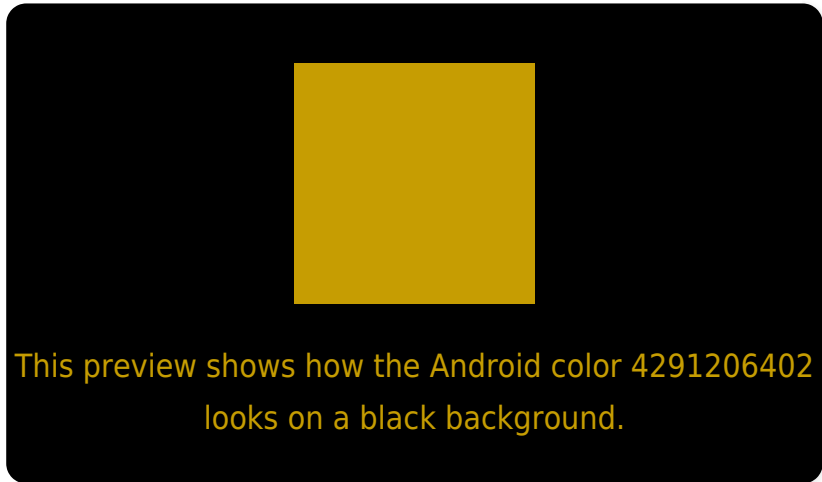
Large Text (above 18pt) WCAG AA × Fail

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 4291206402 Background



This preview shows how black text looks on a background with the Android color 4291206402.



This preview shows how white text looks on a background with the Android color 4291206402.

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
4291206402

Protanopia
4290224905

Deuteranopia
4291664397



Tritanopia
4291728029

Trichromacy



Original Color
4291206402

Protanomaly
4290552070

Deuteranomaly
4291468041

Tritanomaly
4291532389

Monochromacy



Original Color
4291206402

Achromatopsia
4288190616

Achromatomaly
4289305185

CSS Examples

Text

The CSS property to change the color of the text to Android 4291206402 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(198, 157, 2)` looks like.

```
.text, #text, p{  
    color:rgb(198, 157, 2)  
}
```

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(198, 157, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 157, 2) }
```

Border

The CSS property to change the border of an element to Android 4291206402 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(198, 157, 2) }
```

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

```
.border{ border-color:rgb(198, 157, 2) }
```

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

Here you see how a box with a 4 pixel rgb(198, 157, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 157, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 157, 2);  
box-shadow:4px 4px 4px 4px rgb(198, 157,  
2) }
```

Background

The CSS property to change the background color of an element to Android 4291206402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 157, 2) }
```

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

```
.background{ background-color: rgb(198,  
157, 2) }
```

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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