

Converting Colors

Android(4291400222)

Have a look what the booklet for
Android(4291400222) contains.

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Color

Android(4291400222)

Conversions

Conversions Part 1

Format	Color
Hex	C9921E
RGB	201, 146, 30
RGB Percent	79%, 57%, 12%
CMY	0.2118, 0.4275, 0.8824
CMYK	0.00, 0.27, 0.85, 0.21
HSL	41°, 74%, 45%
HSV	41°, 85%, 79%
XYZ	34.6006, 33.0690, 5.7876
YIQ	149.2210, 70.0160, -24.4160

Conversions

Conversions Part 2

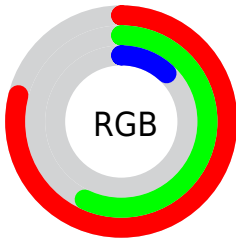
Format	Color
RYB	111, 201, 30
Decimal	13210142
CIELab	64.22, 11.25, 63.11
CIElCh	64, 64.101, 79.890
Yxy	33.0690, 0.4710, 0.4502
Android (android.graphics.Color)	4291400222 (0xFFC9921E)
YUV	149.2210, -58.7760, 45.4102
Hunter-Lab	57.5057, 6.7669, 34.2868

Details

The Android color **4291400222** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **4280178121**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4294953047**, and **4287520768** is the 20% darker color. If you saturate the color by 10%, you get **4291398666**, and if you desaturate by 10%, it is **4291401778**.

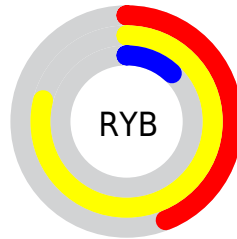
Distribution



Red (79%)

Green (57%)

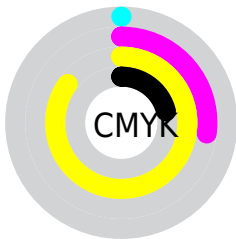
Blue (12%)



Red (44%)

Yellow (79%)

Blue (12%)

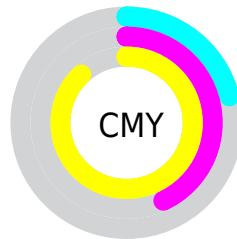


Cyan (0%)

Magenta (27%)

Yellow (85%)

Black (21%)



Cyan (21%)

Magenta (43%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291400222 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 4291400222 by changing the saturation by 10% instead.



4291400222



4291400222

4294967295



4289427456



4294953047



4287520768



4294960242



4285614080



4294967181



4283773440



4294967209



4281998592



4294967237



4280419840



4294967266



4278190080



4291400222



4291400222



4291398666



4291401778

■ 4291397632

■ 4291403590

■ 4291405146

■ 4291406958

■ 4291408515

■ 4291410327

■ 4291411883

■ 4291413695

■ 4291415251

Harmonies

Analogous

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



4293950277



4291400222



4287931425

Triad

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



4291400222



4278237121



4291722214

Complementary

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



4291400222



4280178121

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.



4286027263



4291400222



4278236146

Square

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



4291400222



4278236806



4278233343



4294535090

Rectangle

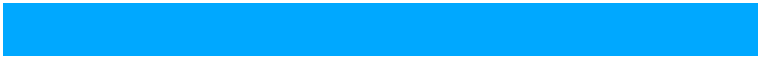
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291400222



4285115709



4278233343



4290217204

Sweetspot

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



4291400222



4294961853



4291370583



4286608216



4278190080



4286611584

Same Dimension

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



4291400222



4294946048



4289579294



4284702810



4288900864



4280555520

Inverse Universe

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



4280178121



4278211327



4281999049



4284112227



4278203555



4278192932

Previews

White Background



This preview shows how the Android color 4291400222 looks on a white background.

Color Contrast Check

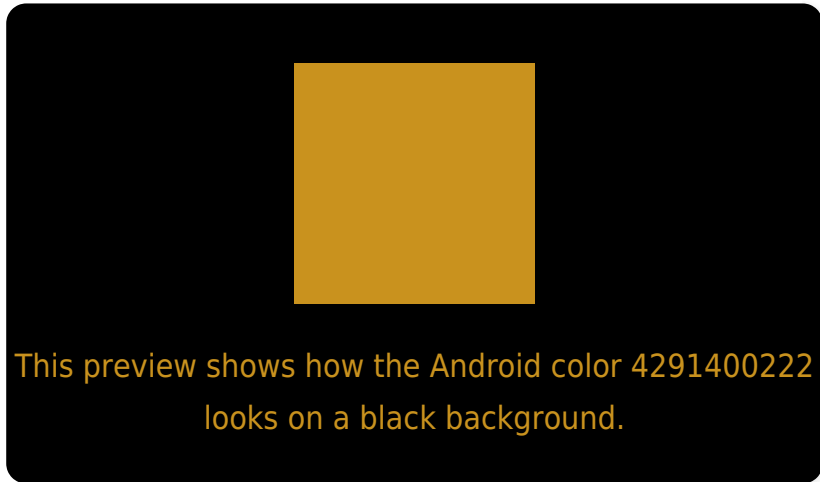
Large Text (above 18pt) WCAG AA × Fail

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 4291400222 Background



This preview shows how black text looks on a background with the Android color 4291400222.



This preview shows how white text looks on a background with the Android color 4291400222.

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

4291400222

Protanopia

4289764385

Deuteranopia

4291138589

Trichromacy



Original Color
4291400222

Protanomaly
4290353184

Deuteranomaly
4291203869

Tritanomaly
4291660904

Monochromacy



Original Color
4291400222

Achromatopsia
4287993237

Achromatomaly
4289238122

CSS Examples

Text

The CSS property to change the color of the text to Android 4291400222 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(201, 146, 30)` looks like.

```
.text, #text, p{  
    color:rgb(201, 146, 30)  
}
```

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(201, 146, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 146, 30) }
```

Border

The CSS property to change the border of an element to Android 4291400222 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(201, 146, 30) }
```

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

```
.border{ border-color:rgb(201, 146, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 146, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 146, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 146, 30);  
box-shadow:4px 4px 4px 4px rgb(201, 146,  
30) }
```

Background

The CSS property to change the background color of an element to Android 4291400222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 146, 30) }
```

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

```
.background{ background-color: rgb(201,  
146, 30) }
```

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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