

Converting Colors

Android(4291471632)

Have a look what the booklet for
Android(4291471632) contains.

| | |
|--|----|
| Android(4291471632) | 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(4291471632)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CAA910 |
| RGB | 202, 169, 16 |
| RGB Percent | 79%, 66%, 6% |
| CMY | 0.2078, 0.3373, 0.9373 |
| CMYK | 0.00, 0.16, 0.92, 0.21 |
| HSL | 49°, 85%, 43% |
| HSV | 49°, 92%, 79% |
| XYZ | 38.6386, 40.9699, 6.3617 |
| YIQ | 161.4250, 68.7810, -40.5870 |

Conversions

Conversions Part 2

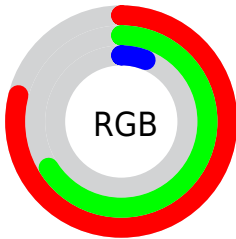
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 56, 202, 16 |
| Decimal | 13281552 |
| CIELab | 70.15, -0.96, 70.94 |
| CIELCh | 70, 70.942, 90.777 |
| Yxy | 40.9699, 0.4494, 0.4766 |
| Android (android.graphics.Color) | 4291471632 (0xFFCAA910) |
| YUV | 161.4250, -71.6945, 35.5843 |
| Hunter-Lab | 64.0077, -4.2610, 38.9126 |

Details

The Android color **4291471632** 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 **4279251402**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4294959187**, and **4287591680** is the 20% darker color. If you saturate the color by 10%, you get **4291470848**, and if you desaturate by 10%, it is **4291472676**.

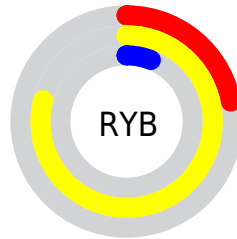
Distribution



Red (79%)

Green (66%)

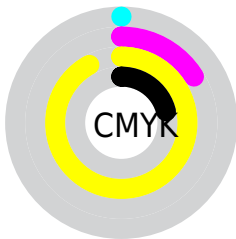
Blue (6%)



Red (22%)

Yellow (79%)

Blue (6%)

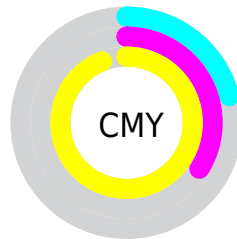


Cyan (0%)

Magenta (16%)

Yellow (92%)

Black (21%)



Cyan (21%)

Magenta (34%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291471632 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 4291471632 by changing the saturation by 10% instead.



4291471632



4291471632

4294967295



4289498880



4294959187



4287591680



4294966383



4285750528



4294967179



4283909632



4294967207



4282134528



4294967236



4280490752



4294967265



4278190336



4278190080



4291471632



4291471632

■ 4291470848

■ 4291472676

■ 4291473464

■ 4291474509

■ 4291475297

■ 4291476341

■ 4291477385

■ 4291478173

■ 4291479218

■ 4291480006

Harmonies

Analogous

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



4294742071



4291471632



4287216432

Triad

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



4291471632



4278241772



4294606316

Complementary

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



4291471632



4279251402

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.



4289567487



4291471632



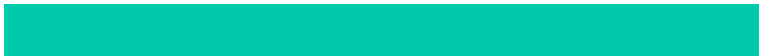
4278239999

Square

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



4291471632



4278241963



4278236159



4294929581

Rectangle

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



4291471632



4283286101



4278236159



4293297918

Sweetspot

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



4291471632



4294963896



4291432498



4286609492



4278190080



4286611584

Same Dimension

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



4291471632



4294955520



4287613456



4284900444



4289103872



4280688384

Inverse Universe

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



4279251402



4278201855



4283109578



4284243558



4278197670



4278191910

Previews

White Background



This preview shows how the Android color 4291471632 looks on a white background.

Color Contrast Check

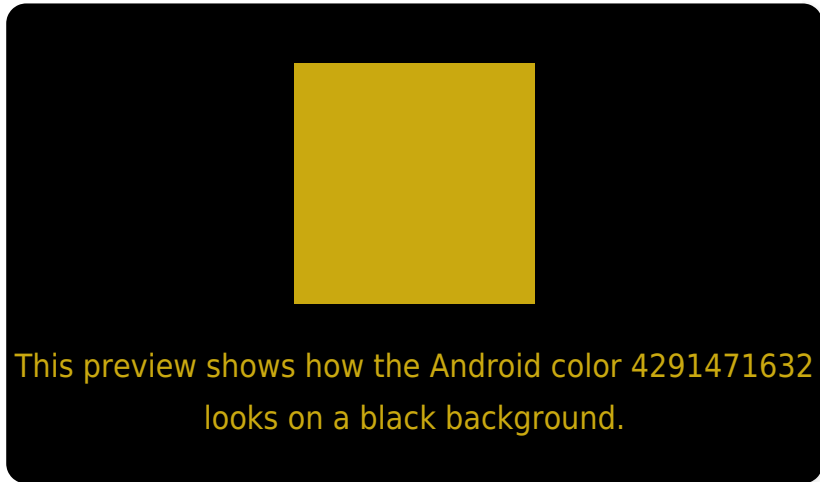
Large Text (above 18pt) WCAG AA × Fail

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 4291471632 Background



This preview shows how black text looks on a background with the Android color 4291471632.



This preview shows how white text looks on a background with the Android color 4291471632.

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
4291471632

Protanopia
4290948113

Deuteranopia
4292453143



Tritanopia
4292058537

Trichromacy



Original Color
4291471632

Protanomaly
4291144465

Deuteranomaly
4292125972

Tritanomaly
4291862897

Monochromacy



Original Color
4291471632

Achromatopsia
4288782753

Achromatomaly
4289766508

CSS Examples

Text

The CSS property to change the color of the text to Android 4291471632 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(202, 169, 16)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 16)  
}
```

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(202, 169, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 16) }
```

Border

The CSS property to change the border of an element to Android 4291471632 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(202, 169, 16) }
```

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

```
.border{ border-color:rgb(202, 169, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 16);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
16) }
```

Background

The CSS property to change the background color of an element to Android 4291471632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 16) }
```

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

```
.background{ background-color: rgb(202,  
169, 16) }
```

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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