

Converting Colors

Android(4292649216)

Have a look what the booklet for
Android(4292649216) contains.

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Color

Android(4292649216)

Conversions

Conversions Part 1

Format	Color
Hex	DCA100
RGB	220, 161, 0
RGB Percent	86%, 63%, 0%
CMY	0.1373, 0.3686, 1.0000
CMYK	0.00, 0.27, 1.00, 0.14
HSL	44°, 100%, 43%
HSV	44°, 100%, 86%
XYZ	42.2601, 40.7054, 5.6296
YIQ	160.2870, 86.8450, -37.5630

Conversions

Conversions Part 2

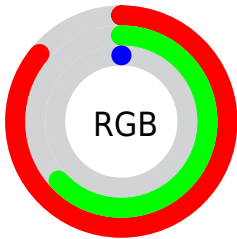
Format	Color
R _Y B	81, 220, 0
Decimal	14459136
CIE Lab	69.97, 11.07, 73.71
CIE LCh	70, 74.541, 81.462
Yxy	40.7054, 0.4770, 0.4595
Android (android.graphics.Color)	4292649216 (0xFFDCA100)
YUV	160.2870, -79.0215, 52.3683
Hunter-Lab	63.8008, 6.5827, 39.4290

Details

The Android color **4292649216** 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 **4278205404**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4294956877**, and **4288638464** is the 20% darker color. If you saturate the color by 10%, you get **4292649216**, and if you desaturate by 10%, it is **4292650774**.

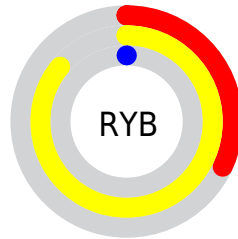
Distribution



Red (86%)

Green (63%)

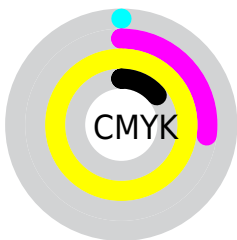
Blue (0%)



Red (32%)

Yellow (86%)

Blue (0%)

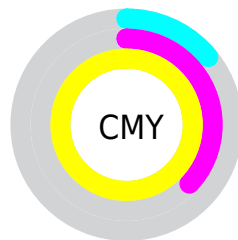


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292649216 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 4292649216 by changing the saturation by 10% instead.



4292649216



4292649216

4294967295



4290610944



4294956877



4288638464



4294964329



4286731776



4294967173



4284825344



4294967201



4282984704



4294967230



4281275648



4294967259



4279697408



4294967289



4278190080



4292649216

 4292650774

 4292652332

 4292653890

 4292655448

 4292656750

 4292658308

 4292659866

 4292661424

 4292662982

Harmonies

Analogous

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



4294935873



4292649216



4288525839

Triad

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



4292649216



4278242011



4293493503

Complementary

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



4292649216



4278205404

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.



4286816767



4292649216



4278241023

Square

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



4292649216



4278241685



4278237695



4294928833

Rectangle

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



4292649216



4285054779



4278237695



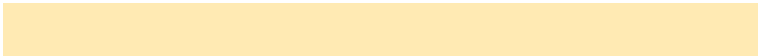
4291792383

Sweetspot

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



4292649216



4294961843



4292608062



4286608210



4278190080



4286611584

Same Dimension

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



4292649216



4294949632



4289518592



4285426531



4289560320



4281213440

Inverse Universe

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



4278205404



4278207743



4281336028



4284704366



4278202285



4278193198

Previews

White Background



This preview shows how the Android color 4292649216 looks on a white background.

Color Contrast Check

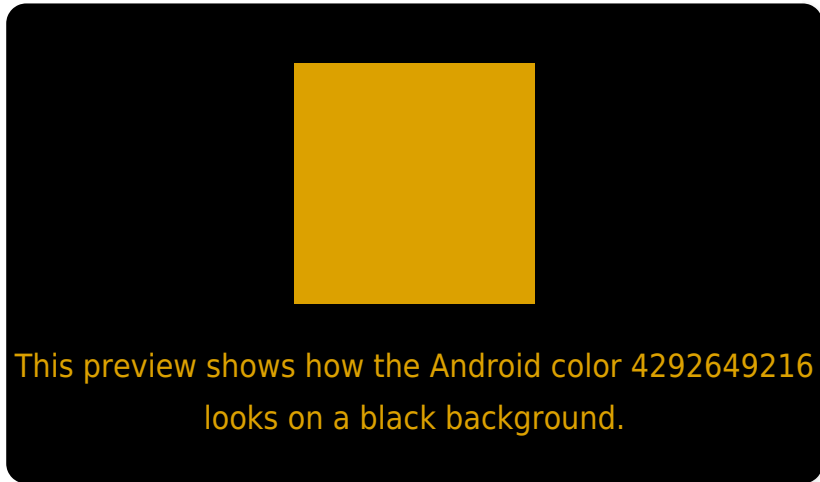
Large Text (above 18pt) WCAG AA × Fail

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 4292649216 Background



This preview shows how black text looks on a background with the Android color 4292649216.



This preview shows how white text looks on a background with the Android color 4292649216.

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
4292649216

Protanopia
4290882573

Deuteranopia
4292452864



Tritanopia
4293170849

Trichromacy



Original Color
4292649216

Protanomaly
4291536904

Deuteranomaly
4292518400

Tritanomaly
4292975206

Monochromacy



Original Color
4292649216

Achromatopsia
4288716960

Achromatomaly
4290158694

CSS Examples

Text

The CSS property to change the color of the text to Android 4292649216 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(220, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(220, 161, 0)  
}
```

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(220, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 161, 0) }
```

Border

The CSS property to change the border of an element to Android 4292649216 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(220, 161, 0) }
```

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

```
.border{ border-color:rgb(220, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(220, 161,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4292649216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 161, 0) }
```

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

```
.background{ background-color: rgb(220,  
161, 0) }
```

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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