

Converting Colors

Android(4292184320)

Have a look what the booklet for
Android(4292184320) contains.

Android(4292184320)	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>	28

Color

Android(4292184320)

Conversions

Conversions Part 1

Format	Color
Hex	D58900
RGB	213, 137, 0
RGB Percent	84%, 54%, 0%
CMY	0.1647, 0.4627, 1.0000
CMYK	0.00, 0.36, 1.00, 0.16
HSL	39°, 100%, 42%
HSV	39°, 100%, 84%
XYZ	36.3862, 32.0375, 4.2661
YIQ	144.1060, 89.2730, -26.4950

Conversions

Conversions Part 2

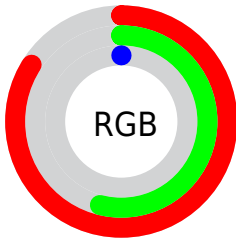
Format	Color
RYB	118, 213, 0
Decimal	13994240
CIELab	63.37, 20.92, 68.92
CIElCh	63, 72.029, 73.112
Yxy	32.0375, 0.5006, 0.4407
Android (android.graphics.Color)	4292184320 (0xFFD58900)
YUV	144.1060, -71.0443, 60.4200
Hunter-Lab	56.6016, 15.6954, 35.1524

Details

The Android color **4292184320** 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 **4278209749**, and the grayscale version is **4287730065**.

A 20% lighter version of the original color is **4294950472**, and **4288173824** is the 20% darker color. If you saturate the color by 10%, you get **4292184320**, and if you desaturate by 10%, it is **4292186389**.

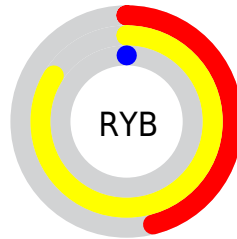
Distribution



Red (84%)

Green (54%)

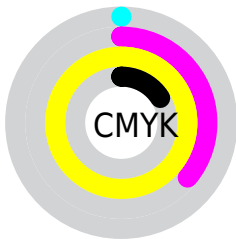
Blue (0%)



Red (46%)

Yellow (84%)

Blue (0%)

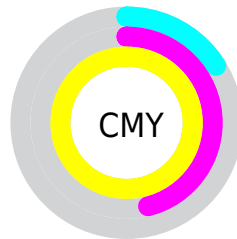


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292184320 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 4292184320 by changing the saturation by 10% instead.

 4292184320

 4292184320

4294967295

 4290146304

 4294950472

 4288173824

 4294957667

 4286201856

 4294965119

 4284295424

 4294967195

 4282520576

 4294967223

 4280877056

 4294967251

 4278190080

 4294967281

 4292184320

 4292186389

 4292188203

 4292190272

 4292192085

 4292194155

 4292196224

 4292198037

 4292200106

 4292201920

Harmonies

Analogous

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



4294733124



4292184320



4288519936

Triad

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



4292184320



4278237109



4290739192

Complementary

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



4292184320



4278209749

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.



4281964543



4292184320



4278236400

Square

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



4292184320



4278236530



4278234111



4294598336

Rectangle

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



4292184320



4285573403



4278234111



4288775679

Sweetspot

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



4292184320



4294960307



4292149326



4286607186



4278190080



4286611584

Same Dimension

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



4292184320



4294943744



4290368768



4285228896



4289424896



4281015296

Inverse Universe

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



4278209749



4278213631



4280025301



4284507243



4278205867



4278193963

Previews

White Background



This preview shows how the Android color 4292184320 looks on a white background.

Color Contrast Check

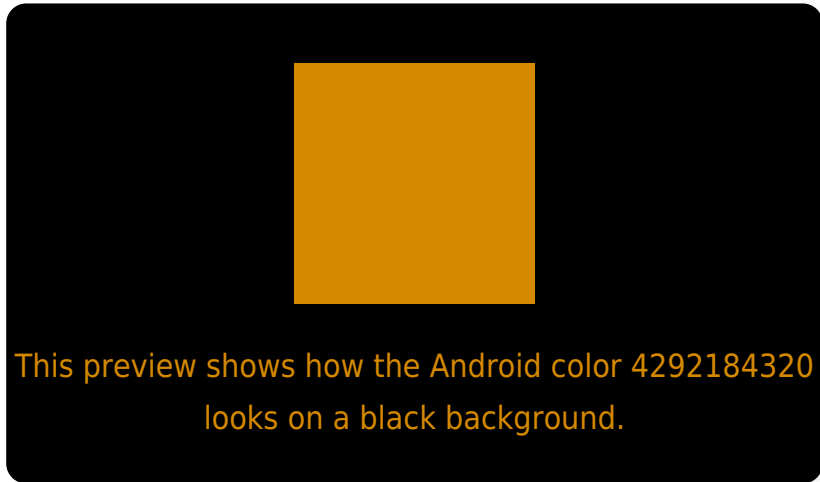
Large Text (above 18pt) WCAG AA × Fail

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 4292184320 Background



This preview shows how black text looks on a background with the Android color 4292184320.



This preview shows how white text looks on a background with the Android color 4292184320.

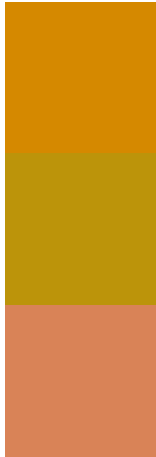
Color Blindness Simulation

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



Trichromacy



Original Color
4292184320

Protanomaly
4290548746

Tritanomaly
4292445015

Monochromacy



Original Color
4292184320

Achromatopsia
4287664272

Achromatomaly
4289301852

CSS Examples

Text

The CSS property to change the color of the text to Android 4292184320 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(213, 137, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 137, 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(213, 137, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 137, 0) }
```

Border

The CSS property to change the border of an element to Android 4292184320 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(213, 137, 0) }
```

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

```
.border{ border-color:rgb(213, 137, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 137, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 137, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 137, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 137,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4292184320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 137, 0) }
```

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

```
.background{ background-color: rgb(213,  
137, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor