

Converting Colors

Android(4291272786)

Have a look what the booklet for
Android(4291272786) contains.

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Color

Android(4291272786)

Conversions

Conversions Part 1

Format	Color
Hex	C7A052
RGB	199, 160, 82
RGB Percent	78%, 63%, 32%
CMY	0.2196, 0.3725, 0.6784
CMYK	0.00, 0.20, 0.59, 0.22
HSL	40°, 51%, 55%
HSV	40°, 59%, 78%
XYZ	37.6470, 37.8929, 13.3125
YIQ	162.7690, 48.2820, -15.9900

Conversions

Conversions Part 2

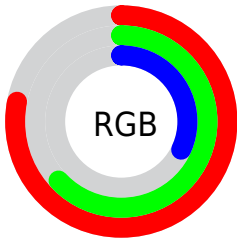
Format	Color
RYB	141, 199, 82
Decimal	13082706
CIELab	67.94, 5.38, 45.46
CIELCh	68, 45.779, 83.250
Yxy	37.8929, 0.4237, 0.4265
Android (android.graphics.Color)	4291272786 (0xFFC7A052)
YUV	162.7690, -39.8191, 31.7746
Hunter-Lab	61.5572, 1.4413, 30.2679

Details

The Android color `4291272786` is a light color, and the websafe version is hex `CC9933`. The color can be described as light muted orange. A complement of this color would be `4283595207`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4294956934`, and `4287524128` is the 20% darker color. If you saturate the color by 10%, you get `4291270974`, and if you desaturate by 10%, it is `4291274598`.

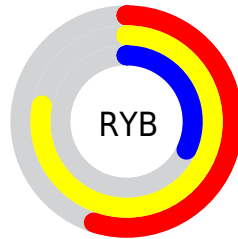
Distribution



Red (78%)

Green (63%)

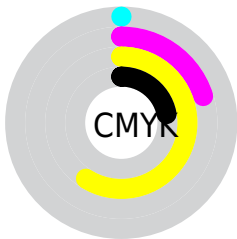
Blue (32%)



Red (55%)

Yellow (78%)

Blue (32%)

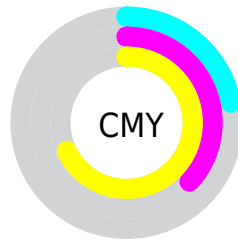


Cyan (0%)

Magenta (20%)

Yellow (59%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291272786 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 4291272786 by changing the saturation by 10% instead.

 4291272786

 4291272786

4294967295

 4289365561

 4294956934

 4287524128

 4294964128

 4285748482

 4294967228

 4283973120

 4294967256

 4282263552

 4294967285

 4280554496


 4278190080


 4291272786

 4291272786

 4291270974

 4291274598

 4291269418


 4291276154

 4291267606

 4291277966

 4291265794

 4291279778

 4291265792

 4291281334

 4291283145

 4291284701

 4291286513

 4291288319

Harmonies

Analogous

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



4293235045



4291272786



4288654679

Triad

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



4291272786



4278238149



4291858391

Complementary

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



4291272786



4283595207

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.



4288388849



4291272786



4278236903

Square

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



4291272786



4280269466



4283018743



4293821617

Rectangle

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



4291272786



4286559079



4283018743



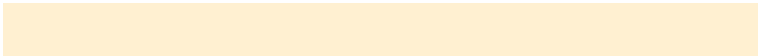
4290876642

Sweetspot

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



4291272786



4294963409



4291252857



4286608995



4278190080



4286611584

Same Dimension

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



4291272786



4294951754



4290037586



4284702810



4288900352



4280555520

Inverse Universe

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



4283595207



4283074303



4284830407



4284112227



4278204067



4278193188

Previews

White Background



This preview shows how the Android color 4291272786 looks on a white background.

Color Contrast Check

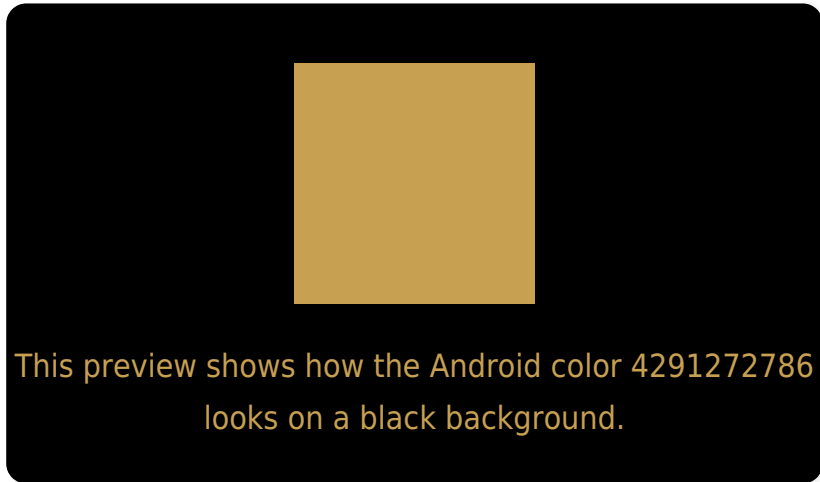
Large Text (above 18pt) WCAG AA × Fail

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 4291272786 Background



This preview shows how black text looks on a background with the Android color 4291272786.

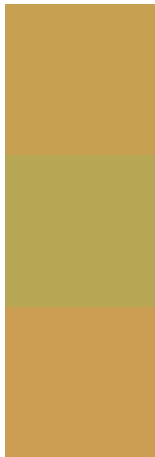


This preview shows how white text looks on a background with the Android color 4291272786.

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
4291272786

Protanopia
4290225748

Deuteranopia
4291599955



Tritanopia
4291729315

Trichromacy



Original Color
4291272786

Protanomaly
4290618451

Deuteranomaly
4291469139

Tritanomaly
4291533446

Monochromacy



Original Color
4291272786

Achromatopsia
4288914339

Achromatomaly
4289766022

CSS Examples

Text

The CSS property to change the color of the text to Android 4291272786 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(199, 160, 82)` looks like.

```
.text, #text, p{  
    color:rgb(199, 160, 82)  
}
```

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(199, 160, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 160, 82) }
```

Border

The CSS property to change the border of an element to Android 4291272786 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(199, 160, 82) }
```

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

```
.border{ border-color:rgb(199, 160, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 160, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 160, 82); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 160, 82); box-shadow:4px 4px 4px 4px rgb(199, 160, 82) }
```

Background

The CSS property to change the background color of an element to Android 4291272786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 160, 82) }
```

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

```
.background{ background-color: rgb(199,  
160, 82) }
```

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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