

Converting Colors

Android(4291002180)

Have a look what the booklet for
Android(4291002180) contains.

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Color

Android(4291002180)

Conversions

Conversions Part 1

Format	Color
Hex	C37F44
RGB	195, 127, 68
RGB Percent	76%, 50%, 27%
CMY	0.2353, 0.5020, 0.7333
CMYK	0.00, 0.35, 0.65, 0.24
HSL	28°, 51%, 52%
HSV	28°, 65%, 76%
XYZ	31.1384, 27.1982, 9.0774
YIQ	140.6060, 59.4670, -3.9330

Conversions

Conversions Part 2

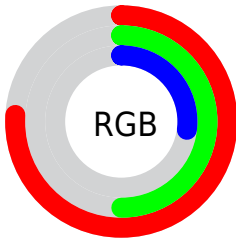
Format	Color
R_{YB}	195, 178, 68
Decimal	12812100
CIE _{Lab}	59.16, 20.73, 42.21
CIE _{LCh}	59, 47.027, 63.843
Yxy	27.1982, 0.4619, 0.4034
Android (android.graphics.Color)	4291002180 (0xFFC37F44)
YUV	140.6060, -35.7948, 47.7035
Hunter-Lab	52.1519, 15.3115, 26.1864

Details

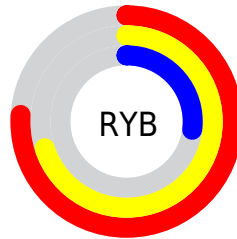
The Android color **4291002180** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **4282681539**, and the grayscale version is **4287466893**.

A 20% lighter version of the original color is **4294947958**, and **4287188499** is the 20% darker color. If you saturate the color by 10%, you get **4290999601**, and if you desaturate by 10%, it is **4291004760**.

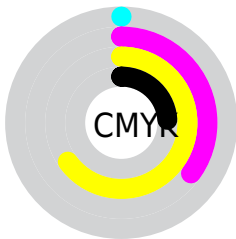
Distribution



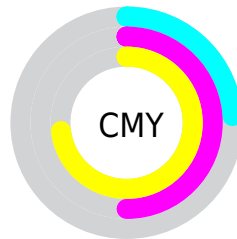
- Red (76%)
- Green (50%)
- Blue (27%)



- Red (76%)
- Yellow (70%)
- Blue (27%)



- Cyan (0%)
- Magenta (35%)
- Yellow (65%)
- Black (24%)



- Cyan (24%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291002180 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 4291002180 by changing the saturation by 10% instead.



4291002180



4291002180

4294967295



4289095212



4294947958



4287188499



4294955152



4285347328



4294962347



4283506688



4294967239



4281731840



4294967267



4280221697



4278190080



4291002180



4291002180



4290999601



4291004760

■ 4290996765

■ 4291007595

■ 4290994186

■ 4291010175

■ 4290992896

■ 4291013010

■ 4291015590

■ 4291018425

■ 4291021005

■ 4291023840

■ 4291026419

Harmonies

Analogous

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



4292374883



4291002180



4288777784

Triad

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



4291002180



4278231955



4288184787

Complementary

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



4291002180



4282681539

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.



4283142625



4291002180



4278231739

Square

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



4291002180



4282163304



4278230232



4291130036

Rectangle

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



4291002180



4287010367



4278230232



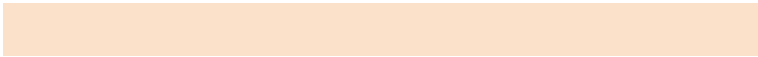
4286810074

Sweetspot

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



4291002180



4294762954



4290987146



4286607201



4278190080



4286611584

Same Dimension

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



4291002180



4294742840



4291018052



4284570711



4288760576



4280356608

Inverse Universe

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



4282681539



4281901564



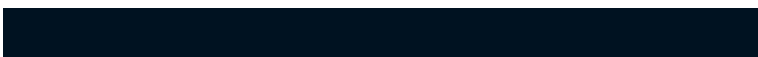
4282665667



4283915361



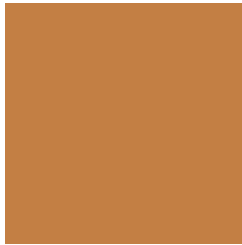
4278212257



4278194721

Previews

White Background



This preview shows how the Android color 4291002180 looks on a white background.

Color Contrast Check

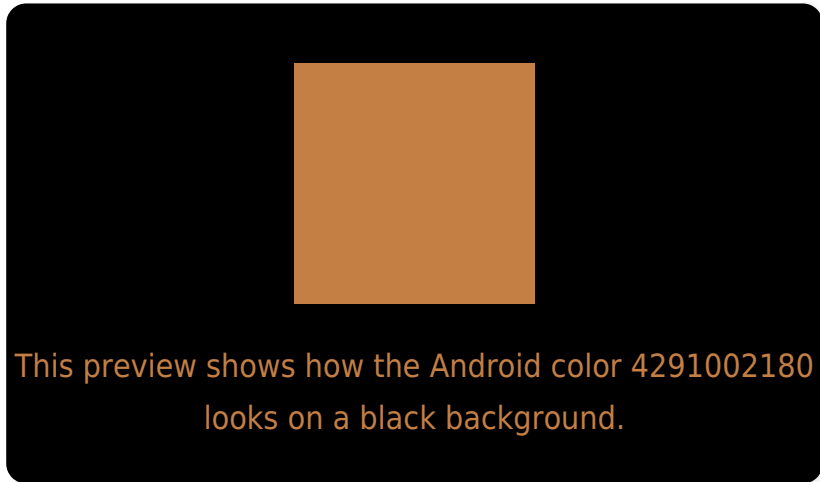
Large Text (above 18pt) WCAG AA ✓ Pass

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

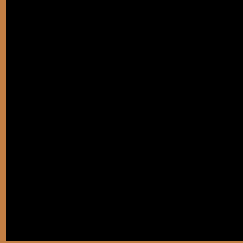
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4291002180 Background



This preview shows how black text looks on a background with the Android color 4291002180.



This preview shows how white text looks on a background with the Android color 4291002180.

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
4291002180

Protanopia
4288581449

Deuteranopia
4289824834



Tritanopia
4291262593

Trichromacy



Original Color
4291002180

Protanomaly
4289431879

Deuteranomaly
4290282819

Tritanomaly
4291197803

Monochromacy



Original Color
4291002180

Achromatopsia
4287466893

Achromatomaly
4288776306

CSS Examples

Text

The CSS property to change the color of the text to Android 4291002180 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(195, 127, 68)` looks like.

```
.text, #text, p{  
    color:rgb(195, 127, 68)  
}
```

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(195, 127, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 127, 68) }
```

Border

The CSS property to change the border of an element to Android 4291002180 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(195, 127, 68) }
```

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

```
.border{ border-color:rgb(195, 127, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 127, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 127, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 127, 68);  
box-shadow:4px 4px 4px 4px rgb(195, 127,  
68) }
```

Background

The CSS property to change the background color of an element to Android 4291002180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 127, 68) }
```

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

```
.background{ background-color: rgb(195,  
127, 68) }
```

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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