

Converting Colors

Android(4290024002)

Have a look what the booklet for
Android(4290024002) contains.

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Color

Android(4290024002)

Conversions

Conversions Part 1

Format	Color
Hex	B49242
RGB	180, 146, 66
RGB Percent	71%, 57%, 26%
CMY	0.2941, 0.4275, 0.7412
CMYK	0.00, 0.19, 0.63, 0.29
HSL	42°, 46%, 48%
HSV	42°, 63%, 71%
XYZ	30.0846, 30.6544, 9.4855
YIQ	147.0460, 45.9440, -17.6720

Conversions

Conversions Part 2

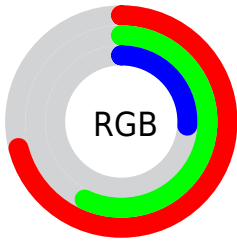
Format	Color
RYB	114, 180, 66
Decimal	11833922
CIELab	62.21, 3.62, 46.19
CIELCh	62, 46.334, 85.520
Yxy	30.6544, 0.4284, 0.4365
Android (android.graphics.Color)	4290024002 (0xFFB49242)
YUV	147.0460, -39.9557, 28.9007
Hunter-Lab	55.3664, 0.1009, 28.5988

Details

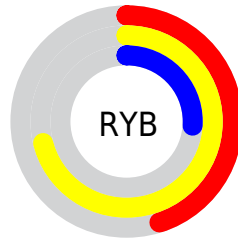
The Android color **4290024002** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4282541236**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4293838965**, and **4286341133** is the 20% darker color. If you saturate the color by 10%, you get **4290022704**, and if you desaturate by 10%, it is **4290025300**.

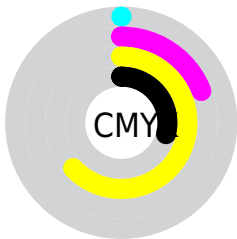
Distribution



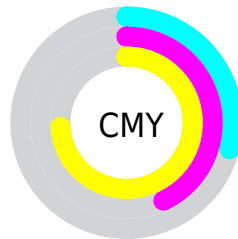
- Red (71%)
- Green (57%)
- Blue (26%)



- Red (45%)
- Yellow (71%)
- Blue (26%)



- Cyan (0%)
- Magenta (19%)
- Yellow (63%)
- Black (29%)



- Cyan (29%)
- Magenta (43%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290024002 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 4290024002 by changing the saturation by 10% instead.



4290024002



4290024002

4294967295



4288182313



4293838965



4286341133



4294960271



4284565504



4294967211



4282855936



4294967238



4281146624



4294967267



4279436544



4278190080



4290024002



4290024002



4290022704



4290025300

■ 4290021150

■ 4290026854

■ 4290019852

■ 4290028152

■ 4290018816

■ 4290029450

■ 4290031004

■ 4290032302

■ 4290033856

■ 4290035154

■ 4290036452

Harmonies

Analogous

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



4292051796



4290024002



4287405897

Triad

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



4290024002



4278234040



4291002053

Complementary

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



4290024002



4282541236

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.



4287598305



4290024002



4278232793

Square

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



4290024002



4278233999



4281900520



4292834462

Rectangle

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



4290024002



4285310299



4281900520



4290085840

Sweetspot

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



4290024002



4293647806



4290003556



4285885786



4294309365



4285887861

Same Dimension

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



4290024002



4293637432



4288525378



4284045136



4288244480



4279898624

Inverse Universe

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



4282541236



4281888235



4284039860



4283454297



4278202009



4278192154

Previews

White Background



This preview shows how the Android color 4290024002 looks on a white background.

Color Contrast Check

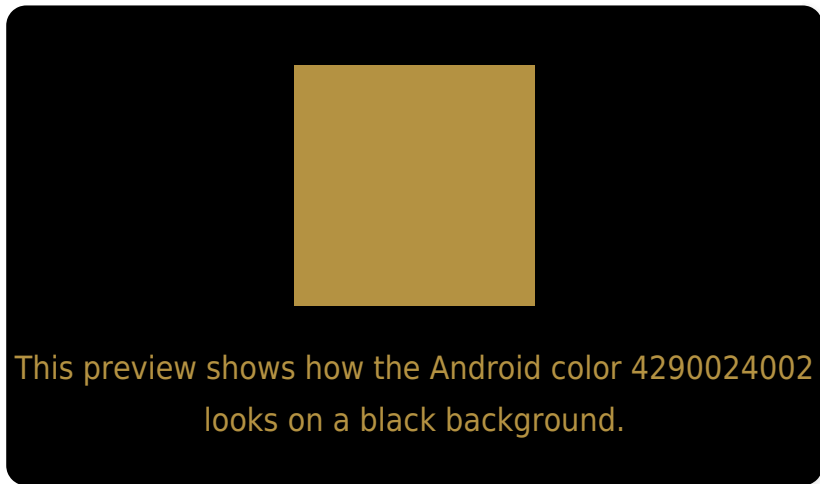
Large Text (above 18pt) WCAG AA × Fail

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 4290024002 Background



This preview shows how black text looks on a background with the Android color 4290024002.



This preview shows how white text looks on a background with the Android color 4290024002.

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


4290024002

Protanopia

4289173315

Deuteranopia

4290416451



Tritanopia
4290480532

Trichromacy



Original Color
4290024002

Protanomaly
4289500483

Deuteranomaly
4290285635

Tritanomaly
4290284662

Monochromacy



Original Color
4290024002

Achromatopsia
4287861651

Achromatomaly
4288648054

CSS Examples

Text

The CSS property to change the color of the text to Android 4290024002 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(180, 146, 66)` looks like.

```
.text, #text, p{  
    color:rgb(180, 146, 66)  
}
```

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(180, 146, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 146, 66) }
```

Border

The CSS property to change the border of an element to Android 4290024002 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(180, 146, 66) }
```

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

```
.border{ border-color:rgb(180, 146, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 146, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 146, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 146, 66);  
box-shadow:4px 4px 4px 4px rgb(180, 146,  
66) }
```

Background

The CSS property to change the background color of an element to Android 4290024002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 146, 66) }
```

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

```
.background{ background-color: rgb(180,  
146, 66) }
```

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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