

# Converting Colors

Android(4290601030)

Have a look what the booklet for  
Android(4290601030) contains.

|  |    |
|--|----|
| <b>Android(4290601030)</b> .....               | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Android(4290601030)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | BD6046                     |
| RGB           | 189, 96, 70                |
| RGB Percent   | 74%, 38%, 27%              |
| CMY           | 0.2588, 0.6235, 0.7255     |
| CMYK          | 0.00, 0.49, 0.63, 0.26     |
| HSL           | 13°, 47%, 51%              |
| HSV           | 13°, 63%, 74%              |
| XYZ           | 26.2746, 19.6268, 8.1979   |
| YIQ           | 120.8430, 63.7740, 11.6300 |

# Conversions

## Conversions Part 2

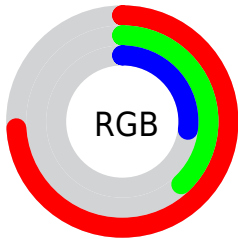
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 189, 103, 70                   |
| Decimal                             | 12410950                       |
| CIE Lab                             | 51.41, 35.14, 31.78            |
| CIE LCh                             | 51, 47.379, 42.121             |
| Yxy                                 | 19.6268, 0.4857,<br>0.3628     |
| Android<br>(android.graphics.Color) | 4290601030<br>(0xFFBD6046)     |
| YUV                                 | 120.8430, -25.0656,<br>59.7737 |
| Hunter-Lab                          | 44.3021, 28.3359,<br>20.0402   |

# Details

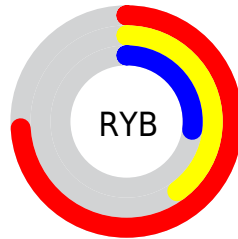
The Android color **4290601030** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4282819517**, and the grayscale version is **4286151033**.

A 20% lighter version of the original color is **4294546551**, and **4286787097** is the 20% darker color. If you saturate the color by 10%, you get **4290597171**, and if you desaturate by 10%, it is **4290604889**.

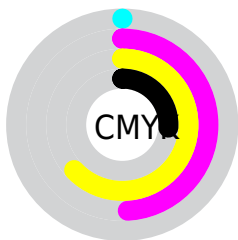
# Distribution



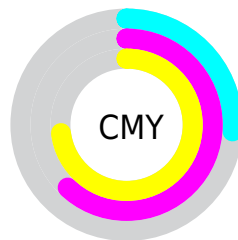
- Red (74%)
- Green (38%)
- Blue (27%)



- Red (74%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (63%)
- Black (26%)



- Cyan (26%)
- Magenta (62%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290601030 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 4290601030 by changing the saturation by 10% instead.



 4290601030

 4290601030

4294967295

 4288694063

 4294546551

 4286787097

 4294946705

 4284880129

 4294953899

 4283039744

 4294961351

 4281401345

 4294967267

 4278190080

 4290601030

 4290601030

 4290597171

 4290604889

 4290593312

 4290608748

 4290589709

 4290612351

 4290586880

 4290616210

 4290620069

 4290623927

 4290627530

 4290631389

 4290635248

# Harmonies

## Analogous

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



4291122796



4290601030



4289032235

# Triad

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



4290601030



4278226272



4283333066

# Complementary

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



4290601030



4282819517

# 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.



4278224583



4290601030



4278226570

# Square

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



4290601030



4283729723



4278226096



4287785399

# Rectangle

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



4290601030



4287527203



4278226096



4280516299



# Sweetspot

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



4290601030



4294299846



4290594467



4286211166



4294638330



4286216826



# Same Dimension

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



4290601030



4294271803



4290616134



4284372821



4288553728



4280223488



# Inverse Universe

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



4282819517



4282109173



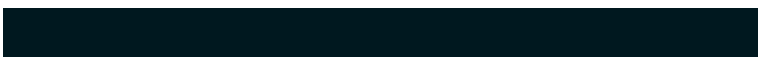
4282804413



4283784286



4278221982

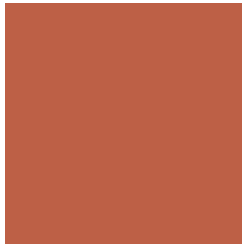


4278196255



# Previews

## White Background



This preview shows how the Android color 4290601030 looks on a white background.

## Color Contrast Check

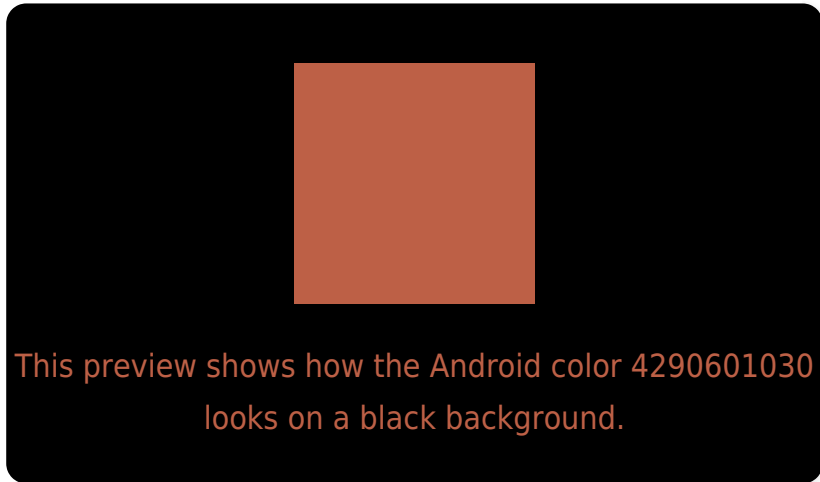
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290601030 Background



This preview shows how black text looks on a background with the Android color 4290601030.



This preview shows how white text looks on a background with the Android color 4290601030.

# 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**  
4290601030

**Protanopia**  
4287003472

**Deuteranopia**  
4288116034



# Trichromacy



**Original Color**  
4290601030

**Protanomaly**  
4288311628

**Deuteranomaly**  
4289031491

**Tritanomaly**  
4290665816

# Monochromacy



**Original Color**  
4290601030

**Achromatopsia**  
4286151033

**Achromatomaly**  
4287787110

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290601030 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(189, 96, 70)` looks like.

```
.text, #text, p{  
    color:rgb(189, 96, 70)  
}
```

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(189, 96, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 96, 70) }
```

## Border

The CSS property to change the border of an element to Android 4290601030 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(189, 96, 70) }
```

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

```
.border{ border-color:rgb(189, 96, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 96, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 96, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 96, 70);  
box-shadow:4px 4px 4px 4px rgb(189, 96,  
70) }
```

# Background

The CSS property to change the background color of an element to Android 4290601030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 96, 70) }
```

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

```
.background{ background-color: rgb(189, 96,  
70) }
```

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