

# Converting Colors

Android(4290087020)

Have a look what the booklet for  
Android(4290087020) contains.

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**Color**

**Android(4290087020)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5886C
RGB	181, 136, 108
RGB Percent	71%, 53%, 42%
CMY	0.2902, 0.4667, 0.5765
CMYK	0.00, 0.25, 0.40, 0.29
HSL	23°, 33%, 57%
HSV	23°, 40%, 71%
XYZ	30.5670, 28.5148, 18.0802
YIQ	146.2630, 35.8080, 0.8320

# Conversions

## Conversions Part 2

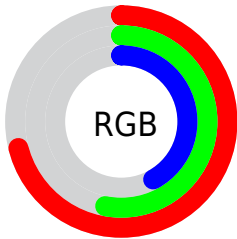
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">181, 153, 108</a>
Decimal	<a href="#">11896940</a>
CIELab	<a href="#">60.35, 13.46, 21.71</a>
CIElCh	<a href="#">60, 25.547, 58.194</a>
Yxy	<a href="#">28.5148, 0.3961, 0.3695</a>
Android (android.graphics.Color)	<a href="#">4290087020</a> ( <a href="#">0xFFB5886C</a> )
YUV	<a href="#">146.2630, -18.8637, 30.4643</a>
Hunter-Lab	<a href="#">53.3992, 8.7290, 17.3047</a>

# Details

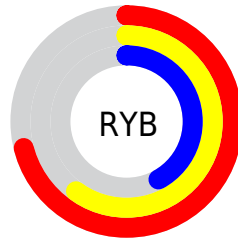
The Android color `4290087020` is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be `4285307317`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4293836192`, and `4286469692` is the 20% darker color. If you saturate the color by 10%, you get `4290084186`, and if you desaturate by 10%, it is `4290089854`.

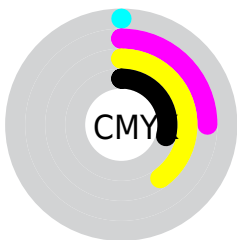
# Distribution



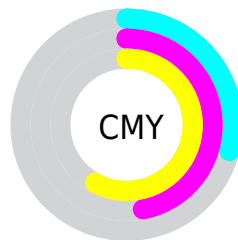
- Red (71%)
- Green (53%)
- Blue (42%)



- Red (71%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (29%)



- Cyan (29%)
- Magenta (47%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290087020 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 4290087020 by changing the saturation by 10% instead.



 4290087020

 4290087020

4294967295

 4288245588

 4293836192

 4286469692

 4294957499

 4284759846

 4294964950

 4283050257

 4294967283

 4281537536

 4279959552

 4278190080

 4290087020

 4290087020

 4290084186

 4290089854

■ 4290081352

■ 4290092688

■ 4290078518

■ 4290095522

■ 4290075428

■ 4290098612

■ 4290072593

■ 4290101447

■ 4290069760

■ 4290104281

■ 4290107115

■ 4290109949

■ 4290112767

# Harmonies

## Analogous

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



4290675325



4290087020



4288909413

# Triad

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



4290087020



4284063375



4287859897

# Complementary

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



4290087020



4285307317

# 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.



4285764798



4290087020



4283145638

# Square

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



4290087020



4285635705



4283800247



4289562026

# Rectangle

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



4290087020



4287861862



4283800247



4287205308



# Sweetspot

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



4290087020



4293646798



4290079897



4285885285



4294309365



4285887861



# Same Dimension

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



4290087020



4293633402



4290096236



4284044368



4288232192



4279896576



# Inverse Universe

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



4285307317



4286234603



4285298101



4283455065



4278214297



4278194202



# Previews

## White Background



This preview shows how the Android color 4290087020 looks on a white background.

## Color Contrast Check

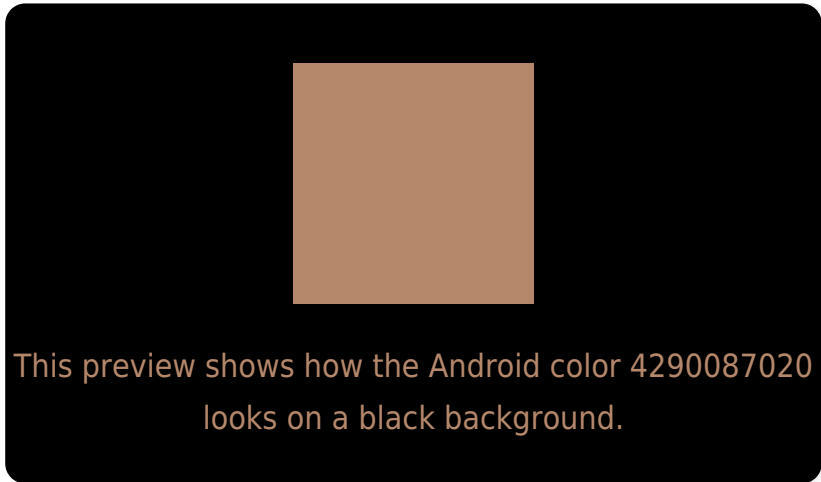
Large Text (above 18pt) WCAG AA ✓ Pass

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

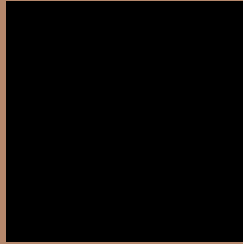
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4290087020 Background



This preview shows how black text looks on a background with the Android color 4290087020.



This preview shows how white text looks on a background with the Android color 4290087020.

# 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**  
4290087020

**Protanopia**  
4288451184

**Deuteranopia**  
4289498219



**Tritanopia**  
4290282381

# Trichromacy



**Original Color**  
4290087020

**Protanomaly**  
4289039983

**Deuteranomaly**  
4289694571

**Tritanomaly**  
4290217345

# Monochromacy



**Original Color**  
4290087020

**Achromatopsia**  
4287795858

**Achromatomaly**  
4288646788

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290087020 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(181, 136, 108)` looks like.

```
.text, #text, p{  
    color:rgb(181, 136, 108)  
}
```

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(181, 136, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 136, 108) }
```

## Border

The CSS property to change the border of an element to Android 4290087020 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(181, 136, 108) }
```

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

```
.border{ border-color:rgb(181, 136, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 136, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 136, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 136, 108); box-shadow:4px 4px 4px 4px rgb(181, 136, 108) }
```

# Background

The CSS property to change the background color of an element to Android 4290087020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 136, 108) }
```

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

```
.background{ background-color: rgb(181,  
136, 108) }
```

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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