

# Converting Colors

Android(4290216096)

Have a look what the booklet for  
Android(4290216096) contains.

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# **Color**

**Android(4290216096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B780A0</a>
RGB	<a href="#">183, 128, 160</a>
RGB Percent	<a href="#">72%, 50%, 63%</a>
CMY	<a href="#">0.2824, 0.4980, 0.3725</a>
CMYK	<a href="#">0.00, 0.30, 0.13, 0.28</a>
HSL	<a href="#">325°, 28%, 61%</a>
HSV	<a href="#">325°, 30%, 72%</a>
XYZ	<a href="#">33.5928, 28.0437, 36.9001</a>
YIQ	<a href="#">148.0930, 22.5080, 21.6120</a>

# Conversions

## Conversions Part 2

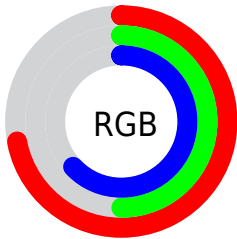
Format	Color
<a href="#">RYB</a>	<a href="#">183, 128, 160</a>
Decimal	<a href="#">12026016</a>
CIELab	<a href="#">59.93, 26.24, -8.53</a>
CIELCh	<a href="#">60, 27.588, 341.992</a>
Yxy	<a href="#">28.0437, 0.3409, 0.2846</a>
Android (android.graphics.Color)	<a href="#">4290216096 (0xFFB780A0)</a>
YUV	<a href="#">148.0930, 5.8702, 30.6134</a>
Hunter-Lab	<a href="#">52.9563, 20.5578, -4.2441</a>

# Details

The Android color `4290216096` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4286625687`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4293965271`, and `4286664301` is the 20% darker color. If you saturate the color by 10%, you get `4290211480`, and if you desaturate by 10%, it is `4290220712`.

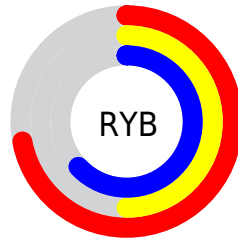
# Distribution



Red (72%)

Green (50%)

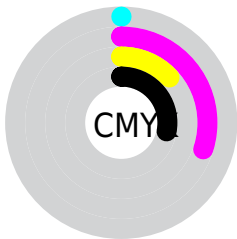
Blue (63%)



Red (72%)

Yellow (50%)

Blue (63%)

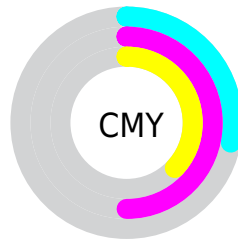


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (28%)



Cyan (28%)

Magenta (50%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290216096 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 4290216096 by changing the saturation by 10% instead.



 4290216096

 4290216096

4294967295

 4288440198

 4293965271

 4286664301

 4294955507

 4284954196

 4294962943

 4283309885

 4281731111

 4280549395

 4278190080

 4290216096

 4290216096

 4290211480

 4290220712

4290206609

4290225583

4290201993

4290230199

4290197377

4290234815

4290192506

4290239430

4290187890

4290244302

4290183274

4290248662

4290248669

4290248677

# Harmonies

## Analogous

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



4288710581



4290216096



4290870919

# Triad

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



4290216096



4288189025



4282555568

# Complementary

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



4290216096



4286625687

# 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.



4282883738



4290216096



4286355820

# Square

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



4290216096



4289628771



4284521857



4284192702

# Rectangle

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



4290216096



4290805880



4284521857



4282424745



# Sweetspot

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



4290216096



4293777636



4288118967



4286081906



4294440951



4286085240



# Same Dimension

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



4290216096



4293761225



4290216069



4284240728



4288413787



4280025104



# Inverse Universe

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



4290216096



4293761225



4286625714



4284240728



4288413787

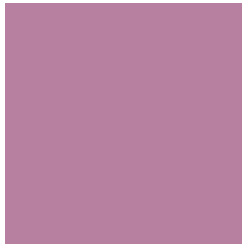


4280025104



# Previews

## White Background



This preview shows how the Android color 4290216096 looks on a white background.

## Color Contrast Check

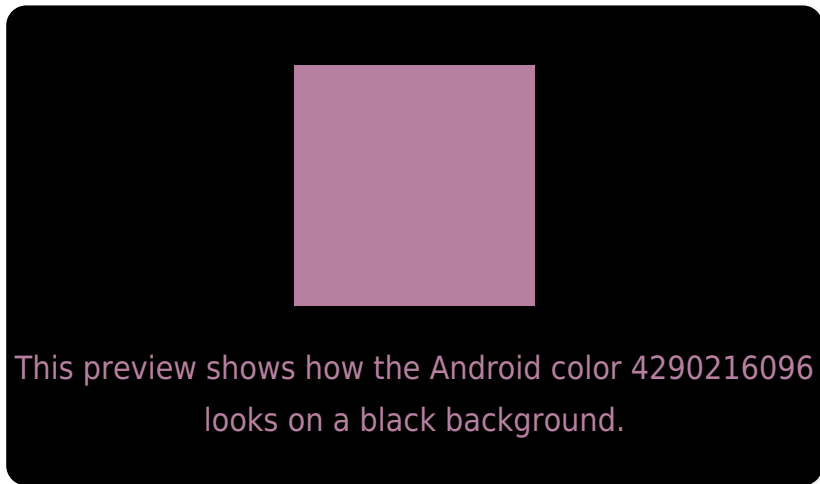
Large Text (above 18pt) WCAG AA ✓ Pass

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

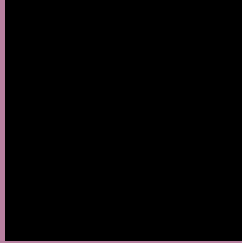
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4290216096 Background



This preview shows how black text looks on a background with the Android color 4290216096.



This preview shows how white text looks on a background with the Android color 4290216096.

# 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





# Trichromacy



**Original Color**  
4290216096

**Protanomaly**  
4288449190

**Deuteranomaly**  
4288972959

**Tritanomaly**  
4290151060

# Monochromacy



**Original Color**  
4290216096

**Achromatopsia**  
4287927444

**Achromatomaly**  
4288777624

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290216096 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(183, 128, 160)` looks like.

```
.text, #text, p{  
    color:rgb(183, 128, 160)  
}
```

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(183, 128, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 128, 160) }
```

## Border

The CSS property to change the border of an element to Android 4290216096 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(183, 128, 160) }
```

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

```
.border{ border-color:rgb(183, 128, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 128, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 128, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 128, 160);  
box-shadow:4px 4px 4px 4px rgb(183, 128,  
160) }
```

# Background

The CSS property to change the background color of an element to Android 4290216096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 128, 160) }
```

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

```
.background{ background-color: rgb(183,  
128, 160) }
```

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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