

# Converting Colors

Android(4290222006)

Have a look what the booklet for  
Android(4290222006) contains.

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# **Color**

**Android(4290222006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B797B6
RGB	183, 151, 182
RGB Percent	72%, 59%, 71%
CMY	0.2824, 0.4078, 0.2863
CMYK	0.00, 0.17, 0.01, 0.28
HSL	302°, 18%, 65%
HSV	302°, 17%, 72%
XYZ	39.0385, 35.5779, 49.0656
YIQ	164.1020, 9.1210, 16.4250

# Conversions

## Conversions Part 2

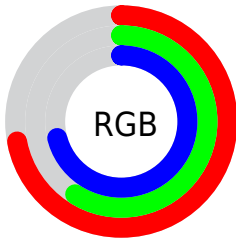
Format	Color
<a href="#">RYB</a>	<a href="#">183, 151, 182</a>
Decimal	<a href="#">12031926</a>
CIELab	<a href="#">66.20, 17.37, -11.62</a>
CIElCh	<a href="#">66, 20.899, 326.235</a>
Yxy	<a href="#">35.5779, 0.3156, 0.2877</a>
Android (android.graphics.Color)	<a href="#">4290222006 (0xFFB797B6)</a>
YUV	<a href="#">164.1020, 8.8237, 16.5735</a>
Hunter-Lab	<a href="#">59.6472, 12.4440, -7.0187</a>

# Details

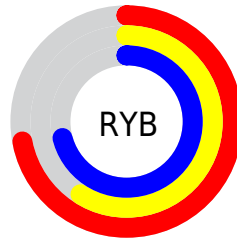
The Android color `4290222006` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4288133016`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4293905902`, and `4286735489` is the 20% darker color. If you saturate the color by 10%, you get `4290217397`, and if you desaturate by 10%, it is `4290226615`.

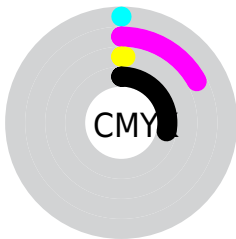
# Distribution



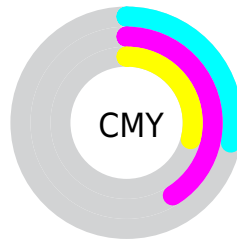
- Red (72%)
- Green (59%)
- Blue (71%)



- Red (72%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (28%)



- Cyan (28%)
- Magenta (41%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290222006 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 4290222006 by changing the saturation by 10% instead.



 4290222006

 4290222006

4294967295

 4288445851

 4293905902

 4286735489

 4294961919

 4285025384

 4283446608

 4281933625

 4280486435

 4278190092

 4278190080

 4290222006

 4290222006

 4290217397

 4290226615

 4290212533

 4290231479

 4290207924

 4290236088

 4290203316

 4290240696

 4290198451

 4290245561

 4290193843

 4290248633

 4290189234

 4290248634

 4290184625

 4290248635

 4290183345

# Harmonies

## Analogous

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



4288781762



4290222006



4291138724

# Triad

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



4290222006



4289830780



4285311921

# Complementary

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



4290222006



4288133016

# 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.



4285901726



4290222006



4288521599

# Square

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



4290222006



4290812290



4287146380



4285769919

# Rectangle

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



4290222006



4291335319



4287146380



4285443243



# Sweetspot

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



4290222006



4293779949



4288190391



4286083448



4294440951



4286085240



# Same Dimension

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



4290222006



4293770220



4290221990



4284240732



4288413847



4280025115



# Inverse Universe

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



4290222006



4293770220



4288133032



4284240732



4288413847

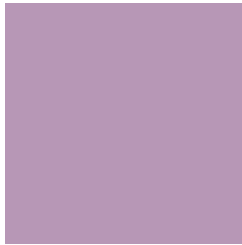


4280025115



# Previews

## White Background



This preview shows how the Android color 4290222006 looks on a white background.

## Color Contrast Check

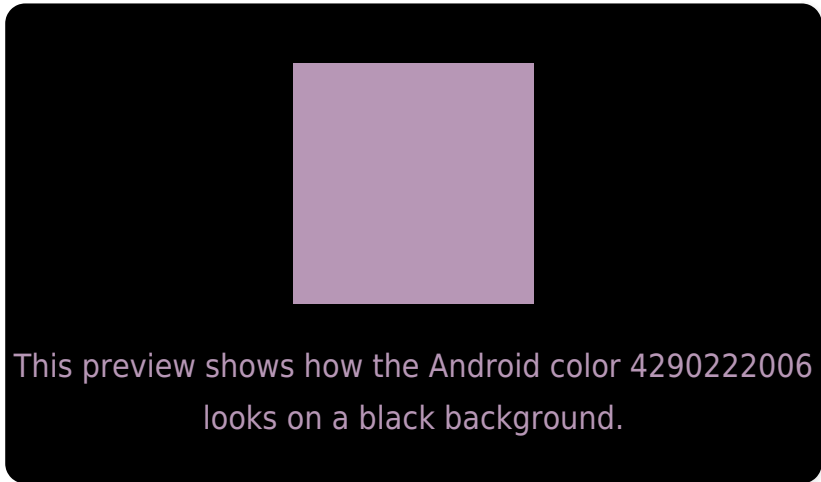
Large Text (above 18pt) WCAG AA × Fail

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 4290222006 Background



This preview shows how black text looks on a background with the Android color 4290222006.



This preview shows how white text looks on a background with the Android color 4290222006.

# 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**  
4290222006

**Protanopia**  
4288454844

**Deuteranopia**  
4289174965



**Tritanopia**  
4290091686

# Trichromacy



**Original Color**  
4290222006

**Protanomaly**  
4289109434

**Deuteranomaly**  
4289567669

**Tritanomaly**  
4290156972

# Monochromacy



**Original Color**  
4290222006

**Achromatopsia**  
4288980132

**Achromatomaly**  
4289437611

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290222006 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, 151, 182)` looks like.

```
.text, #text, p{  
    color:rgb(183, 151, 182)  
}
```

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, 151, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 151, 182) }
```

## Border

The CSS property to change the border of an element to Android 4290222006 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, 151, 182) }
```

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

```
.border{ border-color:rgb(183, 151, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 151, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 151, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 151, 182);  
box-shadow:4px 4px 4px 4px rgb(183, 151,  
182) }
```

# Background

The CSS property to change the background color of an element to Android 4290222006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 151, 182) }
```

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

```
.background{ background-color: rgb(183,  
151, 182) }
```

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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