

# Converting Colors

Android(4290217127)

Have a look what the booklet for  
Android(4290217127) contains.

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# **Color**

**Android(4290217127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B784A7
RGB	183, 132, 167
RGB Percent	72%, 52%, 65%
CMY	0.2824, 0.4824, 0.3451
CMYK	0.00, 0.28, 0.09, 0.28
HSL	319°, 26%, 62%
HSV	319°, 28%, 72%
XYZ	34.7548, 29.3598, 40.3945
YIQ	151.2390, 19.1610, 21.6970

# Conversions

## Conversions Part 2

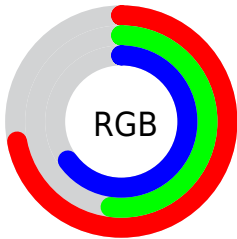
Format	Color
<a href="#">RYB</a>	<a href="#">183, 132, 167</a>
Decimal	<a href="#">12027047</a>
CIELab	<a href="#">61.10, 25.22, -10.78</a>
CIElCh	<a href="#">61, 27.432, 336.857</a>
Yxy	<a href="#">29.3598, 0.3326, 0.2809</a>
Android (android.graphics.Color)	<a href="#">4290217127</a> ( <a href="#">0xFFB784A7</a> )
YUV	<a href="#">151.2390, 7.7702, 27.8544</a>
Hunter-Lab	<a href="#">54.1847, 19.6689, -6.2711</a>

# Details

The Android color `4290217127` is a light color, and the websafe version is hex `CC99CC`, and the color name is `opera mauve`. A complement of this color would be `4286887828`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4293966558`, and `4286665331` is the 20% darker color. If you saturate the color by 10%, you get `4290212513`, and if you desaturate by 10%, it is `4290221741`.

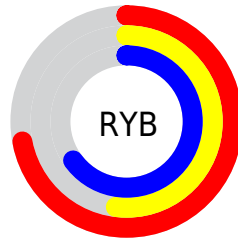
# Distribution



Red (72%)

Green (52%)

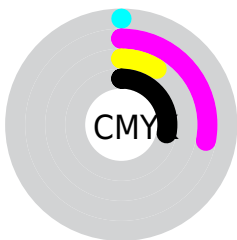
Blue (65%)



Red (72%)

Yellow (52%)

Blue (65%)

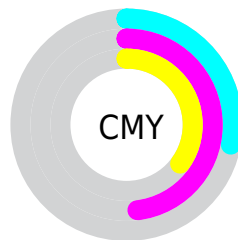


Cyan (0%)

Magenta (28%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (48%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290217127 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 4290217127 by changing the saturation by 10% instead.



 4290217127

 4290217127

4294967295

 4288440973

 4293966558

 4286665331

 4294956539

 4285020762

 4294963967

 4283376451

 4281797933

 4280549401

 4278190080

 4290217127

 4290217127

 4290212513

 4290221741

 4290207644

 4290226610

 4290203030

 4290231224

 4290198416

 4290235838

 4290193802

 4290240708

 4290188933

 4290245321

 4290184319

 4290248655

 4290183294

 4290248661

 4290248667

# Harmonies

## Analogous

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



4288580538



4290217127



4291002767

# Triad

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



4290217127



4288648291



4282753200

# Complementary

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



4290217127



4286887828

# 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.



4283343256



4290217127



4286880620

# Square

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



4290217127



4290022503



4285046656



4284062655

# Rectangle

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



4290217127



4291068799



4285046656



4282753192



# Sweetspot

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



4290217127



4293778151



4287857847



4286082164



4294440951



4286085240



# Same Dimension

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



4290217127



4293763029



4290217102



4284240729



4288413803



4280025107



# Inverse Universe

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



4290217127



4293763029



4286887853



4284240729



4288413803

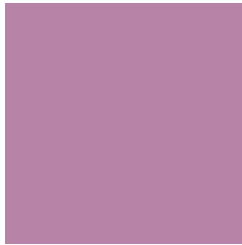


4280025107



# Previews

## White Background



This preview shows how the Android color 4290217127 looks on a white background.

## Color Contrast Check

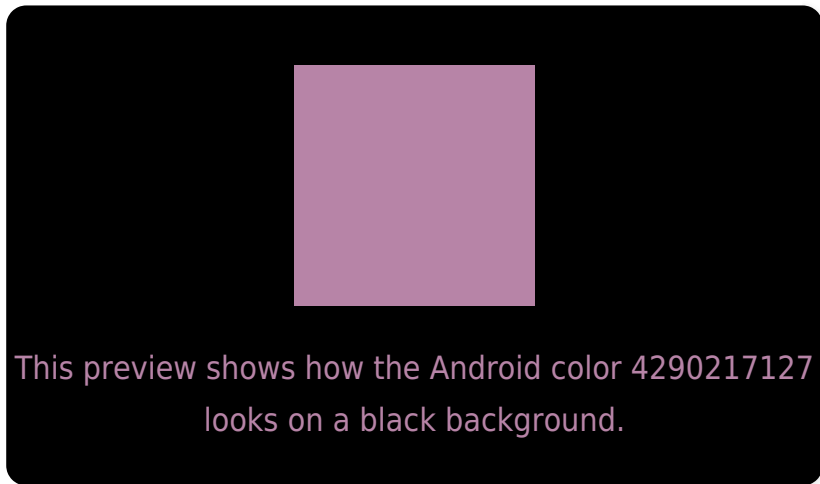
Large Text (above 18pt) WCAG AA ✓ Pass

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

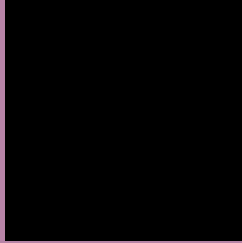
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4290217127 Background



This preview shows how black text looks on a background with the Android color 4290217127.



This preview shows how white text looks on a background with the Android color 4290217127.

# 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**  
4290217127

**Protanopia**  
4287468209

**Deuteranopia**  
4288319653



**Tritanopia**  
4290021522

# Trichromacy



**Original Color**  
4290217127

**Protanomaly**  
4288449965

**Deuteranomaly**  
4289039526

**Tritanomaly**  
4290086810

# Monochromacy



**Original Color**  
4290217127

**Achromatopsia**  
4288124823

**Achromatomaly**  
4288909469

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290217127 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, 132, 167)` looks like.

```
.text, #text, p{  
    color:rgb(183, 132, 167)  
}
```

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, 132, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 132, 167) }
```

## Border

The CSS property to change the border of an element to Android 4290217127 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, 132, 167) }
```

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

```
.border{ border-color:rgb(183, 132, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 132, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 132, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 132, 167);  
box-shadow:4px 4px 4px 4px rgb(183, 132,  
167) }
```

# Background

The CSS property to change the background color of an element to Android 4290217127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 132, 167) }
```

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

```
.background{ background-color: rgb(183,  
132, 167) }
```

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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