

# Converting Colors

Android(4289103776)

Have a look what the booklet for  
Android(4289103776) contains.

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# **Color**

**Android(4289103776)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A687A0
RGB	166, 135, 160
RGB Percent	65%, 53%, 63%
CMY	0.3490, 0.4706, 0.3725
CMYK	0.00, 0.19, 0.04, 0.35
HSL	312°, 15%, 59%
HSV	312°, 19%, 65%
XYZ	30.7350, 27.9730, 37.0371
YIQ	147.1190, 10.4510, 14.3470

# Conversions

## Conversions Part 2

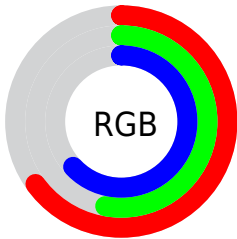
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">166, 135, 160</a>
Decimal	<a href="#">10913696</a>
CIELab	<a href="#">59.86, 16.19, -8.81</a>
CIELCh	<a href="#">60, 18.431, 331.441</a>
Yxy	<a href="#">27.9730, 0.3210, 0.2922</a>
Android (android.graphics.Color)	<a href="#">4289103776 (0xFFA687A0)</a>
YUV	<a href="#">147.1190, 6.3503, 16.5586</a>
Hunter-Lab	<a href="#">52.8895, 11.1728, -4.4966</a>

# Details

The Android color `4289103776` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4287080077`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4292721879`, and `4285683053` is the 20% darker color. If you saturate the color by 10%, you get `4289099421`, and if you desaturate by 10%, it is `4289108131`.

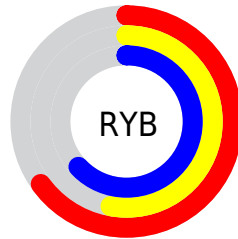
# Distribution



Red (65%)

Green (53%)

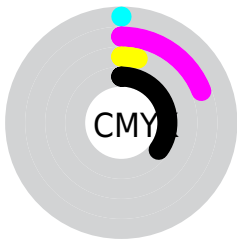
Blue (63%)



Red (65%)

Yellow (53%)

Blue (63%)

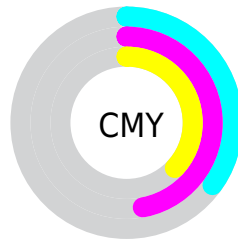


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289103776 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 4289103776 by changing the saturation by 10% instead.





4289103776



4289103776

4294967295



4287327878



4292721879



4285683053



4294629619



4284038740



4294964735



4282459965



4281013031



4279762963



4278190080



4289103776



4289103776



4289099421



4289108131

4289095322

4289112230

4289090966

4289116586

4289086867

4289120685

4289082512

4289125040

4289078157

4289129395

4289074058

4289133494

4289069702

4289134522

4289069190

4289134525

# Harmonies

## Analogous

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



4287925420



4289103776



4289758608

# Triad

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



4289103776



4288450416



4284717473

# Complementary

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



4289103776



4287080077

# 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.



4285110928



4289103776



4287272052

# Square

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



4289103776



4289366644



4286093440



4285241004

# Rectangle

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



4289103776



4289889669



4286093440



4284783003



# Sweetspot

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



4289103776



4292463830



4287465382



4285425260



4293783021



4285427310



# Same Dimension

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



4289103776



4292454864



4289103761



4283714643



4287889527



4279500816



# Inverse Universe

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



4289103776



4292454864



4287080092



4283714643



4287889527

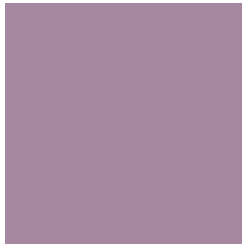


4279500816



# Previews

## White Background



This preview shows how the Android color 4289103776 looks on a white background.

## Color Contrast Check

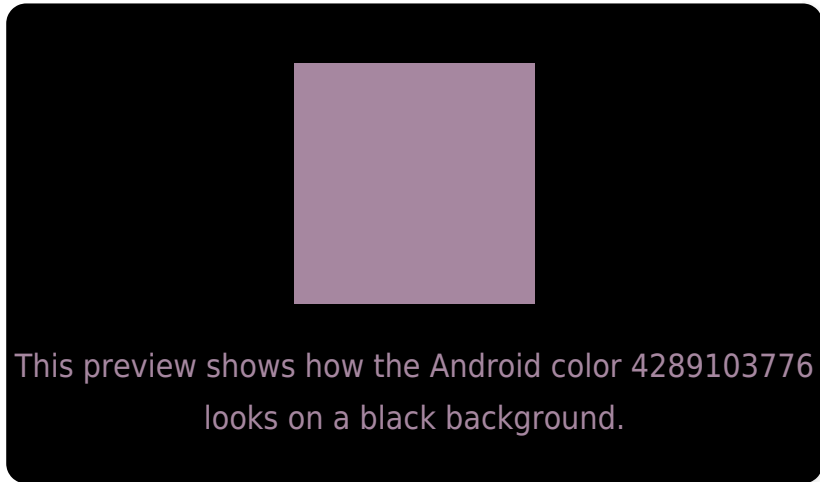
Large Text (above 18pt) WCAG AA ✓ Pass

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

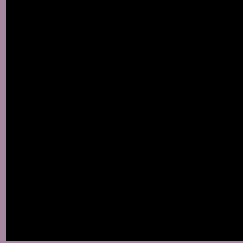
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4289103776 Background



This preview shows how black text looks on a background with the Android color 4289103776.



This preview shows how white text looks on a background with the Android color 4289103776.

# 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**  
4289103776

**Protanopia**  
4287467429

**Deuteranopia**  
4288187551



**Tritanopia**  
4288973204

# Trichromacy



**Original Color**  
4289103776

**Protanomaly**  
4288056483

**Deuteranomaly**  
4288514719

**Tritanomaly**  
4289038488

# Monochromacy



**Original Color**  
4289103776

**Achromatopsia**  
4287861651

**Achromatomaly**  
4288319384

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289103776 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(166, 135, 160)` looks like.

```
.text, #text, p{  
    color:rgb(166, 135, 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(166, 135, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 135, 160) }
```

## Border

The CSS property to change the border of an element to Android 4289103776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

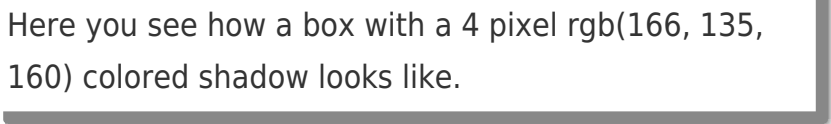
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 135, 160) }
```

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

```
.border{ border-color:rgb(166, 135, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 135, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 135, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 135, 160); box-shadow:4px 4px 4px 4px rgb(166, 135, 160) }
```

# Background

The CSS property to change the background color of an element to Android 4289103776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 135, 160) }
```

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

```
.background{ background-color: rgb(166,  
135, 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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