

# Converting Colors

Android(4289621688)

Have a look what the booklet for  
Android(4289621688) contains.

<b>Android(4289621688)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4289621688)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE6EB8
RGB	174, 110, 184
RGB Percent	68%, 43%, 72%
CMY	0.3176, 0.5686, 0.2784
CMYK	0.05, 0.40, 0.00, 0.28
HSL	292°, 34%, 58%
HSV	292°, 40%, 72%
XYZ	31.6832, 23.6112, 48.2349
YIQ	137.5720, 14.3900, 36.5820

# Conversions

## Conversions Part 2

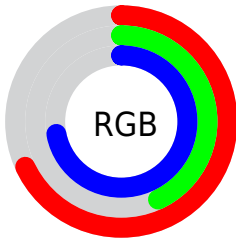
Format	Color
<a href="#">RYB</a>	<a href="#">174, 110, 184</a>
Decimal	<a href="#">11431608</a>
CIELab	<a href="#">55.70, 37.65, -28.85</a>
CIELCh	<a href="#">56, 47.430, 322.538</a>
Yxy	<a href="#">23.6112, 0.3060, 0.2281</a>
Android (android.graphics.Color)	<a href="#">4289621688 (0xFFAE6EB8)</a>
YUV	<a href="#">137.5720, 22.8890, 31.9474</a>
Hunter-Lab	<a href="#">48.5914, 31.3531, -24.8411</a>

# Details

The Android color `4289621688` is a light color, and the websafe version is hex `996699`. A complement of this color would be `4286101614`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4293370864`, and `4286069891` is the 20% darker color. If you saturate the color by 10%, you get `4289486008`, and if you desaturate by 10%, it is `4289757368`.

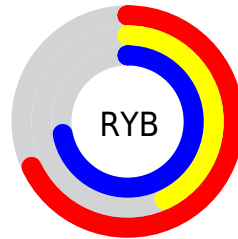
# Distribution



Red (68%)

Green (43%)

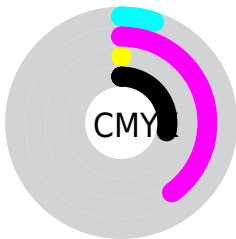
Blue (72%)



Red (68%)

Yellow (43%)

Blue (72%)

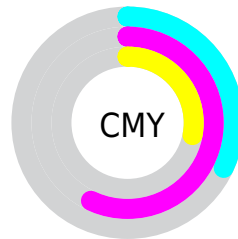


Cyan (5%)

Magenta (40%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (57%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289621688 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 4289621688 by changing the saturation by 10% instead.



 4289621688

 4289621688

4294967295

 4287845789

 4293370864

 4286069891

 4294950655

 4284359785

 4294958079

 4282714193

 4294965247

 4281139257

 4279500835

 4278190090

 4278190080

 4289621688

 4289621688

4289486008

4289757368

4289284536

4289958840

4289148856

4290094520

4288947384

4290295992

4288811704

4290431672

4288610488

4290632888

4290768824

4290969528

4291100600

# Harmonies

## Analogous

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



4285956050



4289621688



4291584658

# Triad

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



4289621688



4289036336



4278229668

# Complementary

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



4289621688



4286101614

# 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.



4278229369



4289621688



4286483765

# Square

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



4289621688



4290998341



4283209041



4278228678

# Rectangle

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



4289621688



4291977590



4283209041



4278229654



# Sweetspot

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



4289621688



4293710832



4285430200



4285949816



4294440951



4286085240



# Same Dimension

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



4289621688



4292902384



4290277022



4284175196



4287037596



4279762972



# Inverse Universe

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



4290276984



4293950860



4285446280



4284240724



4288413717



4280025092



# Previews

## White Background



This preview shows how the Android color 4289621688 looks on a white background.

## Color Contrast Check

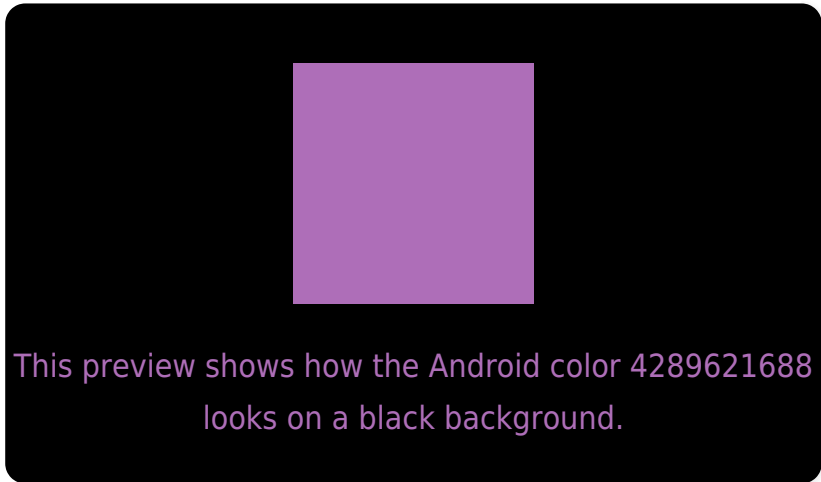
Large Text (above 18pt) WCAG AA ✓ Pass

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

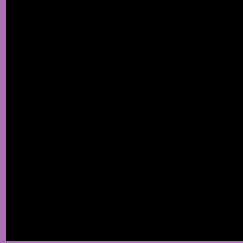
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4289621688 Background



This preview shows how black text looks on a background with the Android color 4289621688.



This preview shows how white text looks on a background with the Android color 4289621688.

# 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





**Tritanopia**  
4289165699

# Trichromacy



**Original Color**  
4289621688

**Protanomaly**  
4286938307

**Deuteranomaly**  
4287397045

**Tritanomaly**  
4289361302

# Monochromacy



**Original Color**  
4289621688

**Achromatopsia**  
4287269514

**Achromatomaly**  
4288118939

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289621688 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(174, 110, 184)` looks like.

```
.text, #text, p{  
    color:rgb(174, 110, 184)  
}
```

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(174, 110, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 110, 184) }
```

## Border

The CSS property to change the border of an element to Android 4289621688 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(174, 110, 184) }
```

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

```
.border{ border-color:rgb(174, 110, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 110, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 110, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 110, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 110,  
184) }
```

# Background

The CSS property to change the background color of an element to Android 4289621688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 110, 184) }
```

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

```
.background{ background-color: rgb(174,  
110, 184) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor