

# Converting Colors

Android(4291924656)

Have a look what the booklet for  
Android(4291924656) contains.

<b>Android(4291924656)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4291924656)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D192B0
RGB	209, 146, 176
RGB Percent	82%, 57%, 69%
CMY	0.1804, 0.4275, 0.3098
CMYK	0.00, 0.30, 0.16, 0.18
HSL	331°, 41%, 70%
HSV	331°, 30%, 82%
XYZ	44.4099, 37.2477, 45.9232
YIQ	168.2570, 27.9180, 22.6860

# Conversions

## Conversions Part 2

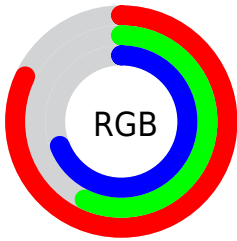
Format	Color
R <sub>YB</sub>	209, 146, 176
Decimal	13734576
CIE Lab	67.46, 28.23, -6.09
CIE LCh	67, 28.884, 347.835
Yxy	37.2477, 0.3481, 0.2920
Android (android.graphics.Color)	4291924656 (0xFFD192B0)
YUV	168.2570, 3.8173, 35.7316
Hunter-Lab	61.0309, 23.0837, -1.8916

# Details

The Android color `4291924656` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `4287812019`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4294953448`, and `4288307068` is the 20% darker color. If you saturate the color by 10%, you get `4291919269`, and if you desaturate by 10%, it is `4291930043`.

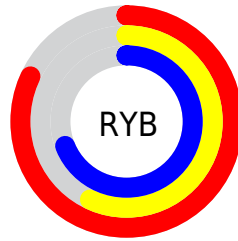
# Distribution



Red (82%)

Green (57%)

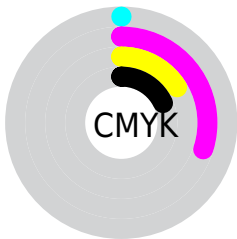
Blue (69%)



Red (82%)

Yellow (57%)

Blue (69%)

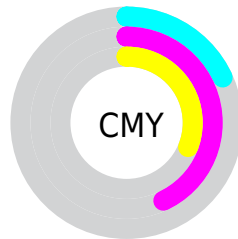


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (18%)



Cyan (18%)

Magenta (43%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291924656 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 4291924656 by changing the saturation by 10% instead.



 4291924656

 4291924656

4294967295

 4290082965

 4294953448


 4288307068

 4294960639

 4286531171


 4284821067

 4283176756


 4281597983


 4280156165

 4278190080

 4291924656

 4291924656

 4291919269

 4291930043

 4291913882

 4291935430


 4291908495

 4291940817

 4291903108


 4291946204


 4291897721


 4291951335

 4291892590

 4291952626

 4291887204

 4291952637

 4291952639

# Harmonies

## Analogous

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



4290484423



4291924656



4292448662

# Triad

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



4291924656



4289177714



4283871434

# Complementary

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



4291924656



4287812019

# 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.



4283741107



4291924656



4287213185

# Square

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



4291924656



4290813810



4285248152



4285770455

# Rectangle

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



4291924656



4292252806



4285248152



4283609539



# Sweetspot

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



4291924656



4294961395



4289958609



4286607736



4278190080



4286611584



# Same Dimension

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



4291924656



4294943695



4291924882



4285095523



4289200208



4280877075



# Inverse Universe

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



4291924656



4294943695



4287811793



4285095523



4289200208

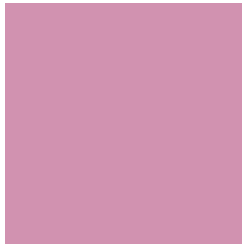


4280877075



# Previews

## White Background



This preview shows how the Android color 4291924656 looks on a white background.

## Color Contrast Check

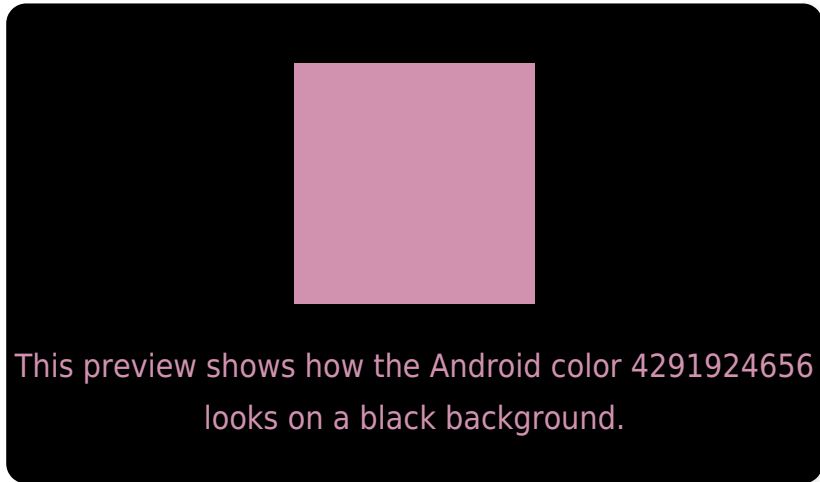
Large Text (above 18pt) WCAG AA × Fail

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 4291924656 Background



This preview shows how black text looks on a background with the Android color 4291924656.



This preview shows how white text looks on a background with the Android color 4291924656.

# 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**  
4291924656

**Protanopia**  
4288783291

**Deuteranopia**  
4289831085



**Tritanopia**  
4291794336

# Trichromacy



**Original Color**  
4291924656

**Protanomaly**  
4289895863

**Deuteranomaly**  
4290616238

**Tritanomaly**  
4291859622

# Monochromacy



**Original Color**  
4291924656

**Achromatopsia**  
4289243304

**Achromatomaly**  
4290224299

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291924656 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(209, 146, 176)` looks like.

```
.text, #text, p{  
    color:rgb(209, 146, 176)  
}
```

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(209, 146, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 146, 176) }
```

## Border

The CSS property to change the border of an element to Android 4291924656 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(209, 146, 176) }
```

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

```
.border{ border-color:rgb(209, 146, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 146, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 146, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 146, 176);  
box-shadow:4px 4px 4px 4px rgb(209, 146,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4291924656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 146, 176) }
```

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

```
.background{ background-color: rgb(209,  
146, 176) }
```

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