

# Converting Colors

Android(4291917521)

Have a look what the booklet for  
Android(4291917521) contains.

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# **Color**

**Android(4291917521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D176D1
RGB	209, 118, 209
RGB Percent	82%, 46%, 82%
CMY	0.1804, 0.5373, 0.1804
CMYK	0.00, 0.44, 0.00, 0.18
HSL	300°, 50%, 64%
HSV	300°, 44%, 82%
XYZ	44.2816, 31.1156, 63.9936
YIQ	155.5830, 25.0250, 47.5930

# Conversions

## Conversions Part 2

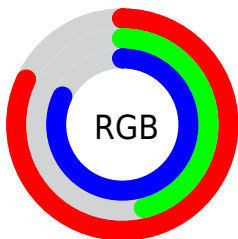
Format	Color
R <sub>Y</sub> B	209, 118, 209
Decimal	13727441
CIE Lab	62.61, 48.80, -32.00
CIE LCh	63, 58.356, 326.742
Yxy	31.1156, 0.3177, 0.2232
Android (android.graphics.Color)	4291917521 (0xFFD176D1)
YUV	155.5830, 26.3346, 46.8467
Hunter-Lab	55.7814, 44.0832, -28.9718

# Details

The Android color `4291917521` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4285976950`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4294946047`, and `4288233882` is the 20% darker color. If you saturate the color by 10%, you get `4291912145`, and if you desaturate by 10%, it is `4291922897`.

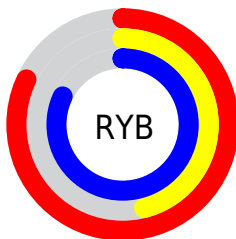
# Distribution



Red (82%)

Green (46%)

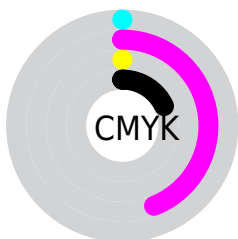
Blue (82%)



Red (82%)

Yellow (46%)

Blue (82%)

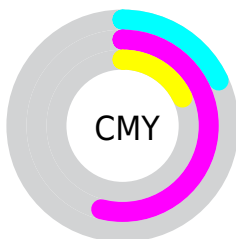


Cyan (0%)

Magenta (44%)

Yellow (0%)

Black (18%)



Cyan (18%)

Magenta (54%)


Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291917521 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 4291917521 by changing the saturation by 10% instead.



 4291917521

 4291917521

4294967295

 4290010293

 4294946047

 4288233882

 4294953471

 4286391936

 4294960639

 4284679271

 4282974286

 4281401399

 4279435297

 4278190085

 4278190080

 4291917521

 4291917521

 4291912145

 4291922897

 4291906769

 4291928273

 4291901393


 4291933649

 4291896017

 4291939025

 4291890897

 4291944401

 4291887313

 4291949521

 4291952593

# Harmonies

## Analogous

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



4287532276



4291917521



4294011039

# Triad

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



4291917521



4290286375



4278235333

# Complementary

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



4291917521



4285976950

# 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.



4278235280



4291917521



4286947891

# Square

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



4291917521



4292771648



4282297436



4278234093

# Rectangle

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



4291917521



4294338940



4282297436



4278235316



# Sweetspot

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



4291917521



4294958847



4285953745



4286606208



4278190080



4286611584



# Same Dimension

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



4291917521



4294933247



4291917476



4285095529



4289200296



4280877097



# Inverse Universe

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



4291917521



4294933247



4285976996



4285095529



4289200296

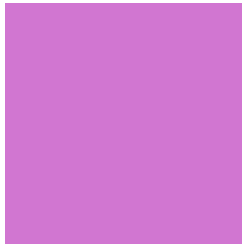


4280877097



# Previews

## White Background



This preview shows how the Android color 4291917521 looks on a white background.

## Color Contrast Check

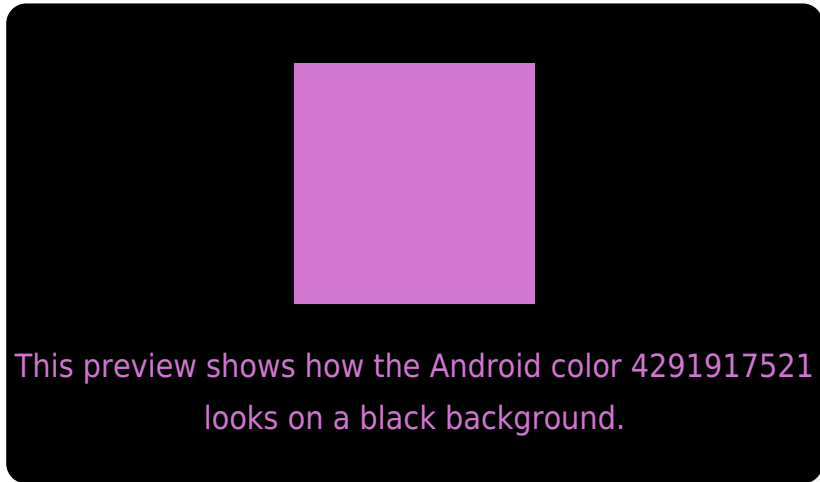
Large Text (above 18pt) WCAG AA × Fail

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

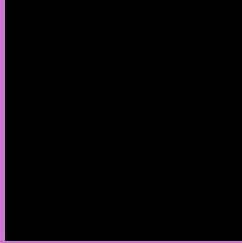
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291917521 Background



This preview shows how black text looks on a background with the Android color 4291917521.




This preview shows how white text looks on a background with the Android color 4291917521.

# 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**  
4291397007

# Trichromacy



**Original Color**  
4291917521



**Protanomaly**  
4288252641



**Deuteranomaly**  
4288973517



**Tritanomaly**  
4291592359

# Monochromacy



**Original Color**  
4291917521



**Achromatopsia**  
4288453788



**Achromatomaly**  
4289695407

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291917521 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, 118, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 118, 209)  
}
```

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, 118, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 118, 209) }
```

## Border

The CSS property to change the border of an element to Android 4291917521 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, 118, 209) }
```

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

```
.border{ border-color:rgb(209, 118, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 118, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 118, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 118, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 118,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4291917521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 118, 209) }
```

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

```
.background{ background-color: rgb(209,  
118, 209) }
```

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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