

# Converting Colors

Android(4292371912)

Have a look what the booklet for  
Android(4292371912) contains.

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# **Color**

**Android(4292371912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D865C8
RGB	216, 101, 200
RGB Percent	85%, 40%, 78%
CMY	0.1529, 0.6039, 0.2157
CMYK	0.00, 0.53, 0.07, 0.15
HSL	308°, 60%, 62%
HSV	308°, 53%, 85%
XYZ	43.3979, 28.0764, 57.7756
YIQ	146.6710, 36.7610, 55.1690

# Conversions

## Conversions Part 2

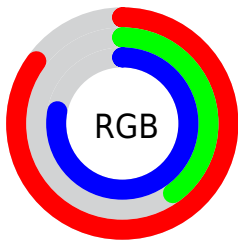
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">216, 101, 200</a>
Decimal	<a href="#">14181832</a>
CIELab	<a href="#">59.96, 57.61, -30.96</a>
CIElCh	<a href="#">60, 65.403, 331.751</a>
Yxy	<a href="#">28.0764, 0.3358, 0.2172</a>
Android (android.graphics.Color)	<a href="#">4292371912 (0xFFD865C8)</a>
YUV	<a href="#">146.6710, 26.2912, 60.8015</a>
Hunter-Lab	<a href="#">52.9872, 53.4686, -27.5569</a>

# Details

The Android color `4292371912` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4284864629`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4294941951`, and `4288621714` is the 20% darker color. If you saturate the color by 10%, you get `4292366277`, and if you desaturate by 10%, it is `4292377547`.

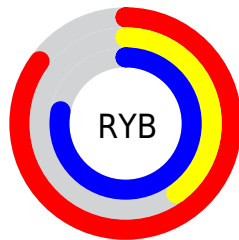
# Distribution



Red (85%)

Green (40%)

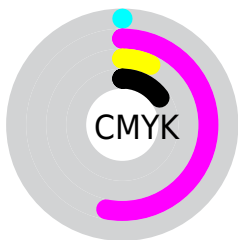
Blue (78%)



Red (85%)

Yellow (40%)

Blue (78%)

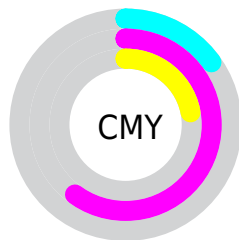


Cyan (0%)

Magenta (53%)

Yellow (7%)

Black (15%)



Cyan (15%)

Magenta (60%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292371912 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 4292371912 by changing the saturation by 10% instead.



 4292371912

 4292371912

4294967295

 4290464172

 4294941951

 4288621714

 4294949375

 4286776184

 4294956543

 4284940383

 4294964223

 4283236423

 4281663536

 4279435290

 4278190080

 4292371912

 4292371912

 4292366277

 4292377547

 4292360898

 4292382926

 4292355263

 4292388561

 4292349884

 4292393940

 4292346042

 4292399575

 4292405210

 4292410589

 4292411360

 4292411363

# Harmonies

## Analogous

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



4287922419



4292371912



4294268560

# Triad

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



4292371912



4289302272



4278233804

# Complementary

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



4292371912



4284864629

# 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.



4278234002



4292371912



4285505057

# Square

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



4292371912



4292245798



4278232919



4278232310

# Rectangle

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



4292371912



4294400617



4278232919



4278234042



# Sweetspot

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



4292371912



4294956793



4285818328



4286605180



4278190080



4286611584



# Same Dimension

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



4292371912



4294925544



4292371855



4285227114



4289396883



4281008165



# Inverse Universe

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



4292371912



4294925544



4284864686



4285227114



4289396883



4281008165



# Previews

## White Background



This preview shows how the Android color 4292371912 looks on a white background.

## Color Contrast Check

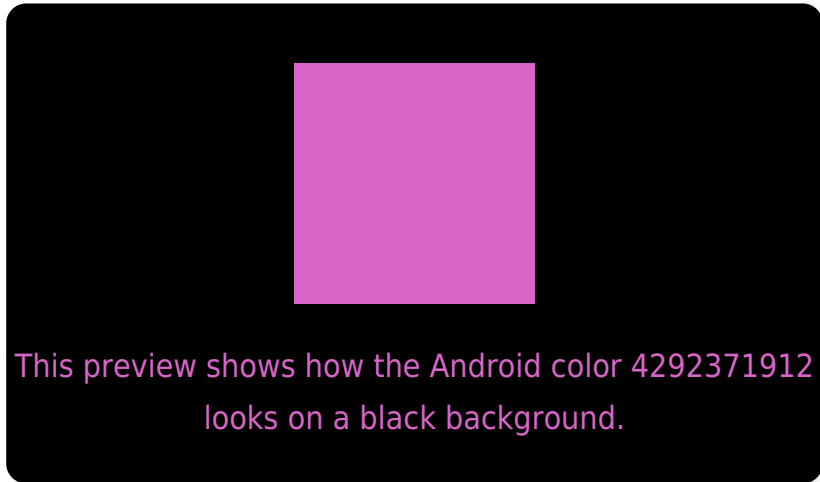
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292371912 Background



This preview shows how black text looks on a background with the Android color 4292371912.



This preview shows how white text looks on a background with the Android color 4292371912.

# 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**  
4292371912

**Protanopia**  
4285370090

**Deuteranopia**  
4286877633



# Trichromacy



**Original Color**  
4292371912



**Protanomaly**  
4287922142



**Deuteranomaly**  
4288905412



**Tritanomaly**  
4292047002

# Monochromacy



**Original Color**  
4292371912



**Achromatopsia**  
4287861651



**Achromatomaly**  
4289495718

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292371912 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(216, 101, 200)` looks like.

```
.text, #text, p{  
    color:rgb(216, 101, 200)  
}
```

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(216, 101, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 101, 200) }
```

## Border

The CSS property to change the border of an element to Android 4292371912 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(216, 101, 200) }
```

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

```
.border{ border-color:rgb(216, 101, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 101, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 101, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 101, 200);  
box-shadow:4px 4px 4px 4px rgb(216, 101,  
200) }
```

# Background

The CSS property to change the background color of an element to Android 4292371912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 101, 200) }
```

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

```
.background{ background-color: rgb(216,  
101, 200) }
```

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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