

# Converting Colors

Android(4291712372)

Have a look what the booklet for  
Android(4291712372) contains.

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**Color**

**Android(4291712372)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE5574
RGB	206, 85, 116
RGB Percent	81%, 33%, 45%
CMY	0.1922, 0.6667, 0.5451
CMYK	0.00, 0.59, 0.44, 0.19
HSL	345°, 55%, 57%
HSV	345°, 59%, 81%
XYZ	31.8545, 20.8798, 18.8743
YIQ	124.7130, 62.1650, 35.2930

# Conversions

## Conversions Part 2

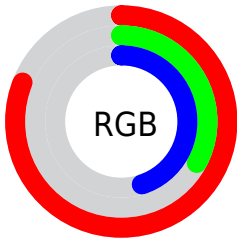
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 85, 116
Decimal	13522292
CIE <sub>Lab</sub>	52.82, 50.68, 7.14
CIE <sub>LCh</sub>	53, 51.180, 8.015
Yxy	20.8798, 0.4448, 0.2916
Android (android.graphics.Color)	4291712372 (0xFFCE5574)
YUV	124.7130, -4.2955, 71.2887
Hunter-Lab	45.6944, 44.4708, 7.4961

# Details

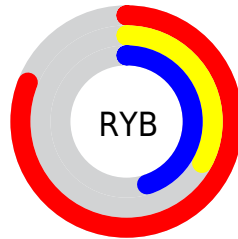
The Android color `4291712372` is a dark color, and the websafe version is hex `CC3366`. The color can be described as middle muted rose. A complement of this color would be `4283813551`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4294937512`, and `4287830852` is the 20% darker color. If you saturate the color by 10%, you get `4291706981`, and if you desaturate by 10%, it is `4291717763`.

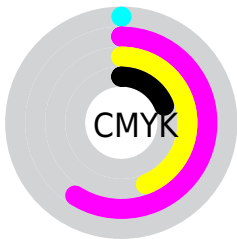
# Distribution



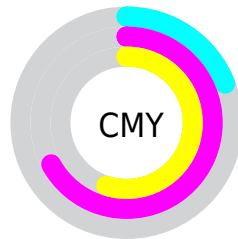
- Red (81%)
- Green (33%)
- Blue (45%)



- Red (81%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (59%)
- Yellow (44%)
- Black (19%)



- Cyan (19%)
- Magenta (67%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291712372 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 4291712372 by changing the saturation by 10% instead.





4291712372



4291712372

4294967295



4289739356



4294937512



4287830852



4294944707



4285988910



4294951903



4284088346



4294959355



4282384385



4294966783



4280418305



4278190080



4291712372




4291712372




4291706981



4291717763

 4291701845

 4291722899

 4291696454

 4291728290

 4291691319

 4291733425

 4291690549

 4291738817

 4291744208

 4291749343

 4291754735

 4291756030

# Harmonies

## Analogous

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



4290534560



4291712372



4291321674

# Triad

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



4291712372



4284189492



4278225871

# Complementary

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



4291712372



4283813551

# 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.



4278227635



4291712372



4278227291

# Square

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



4291712372



4287266846



4278227849



4281892821

# Rectangle

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



4291712372



4290341427



4278227849



4278226632



# Sweetspot

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



4291712372



4294955485



4289615310



4286604139



4278190080



4286611584



# Same Dimension

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



4291712372



4294921594



4291719509



4284898398



4289069098



4280680458



# Inverse Universe

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



4291712372



4294921594



4283806414



4284898398



4289069098



4280680458



# Previews

## White Background



This preview shows how the Android color 4291712372 looks on a white background.

## Color Contrast Check

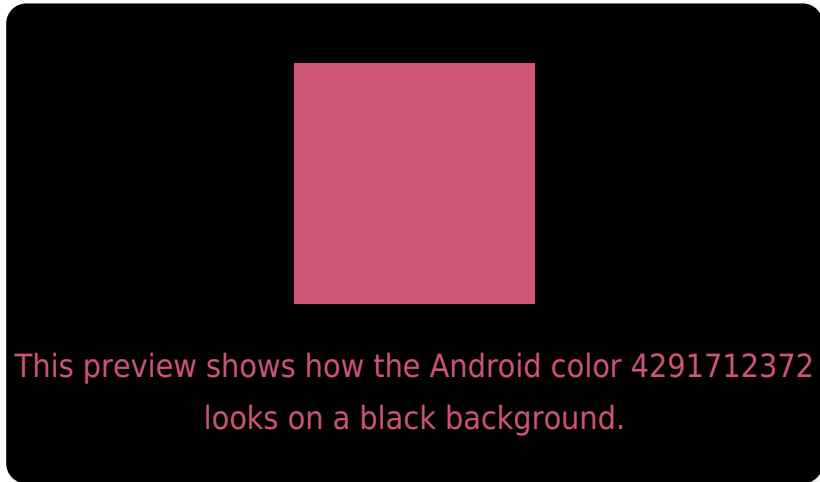
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291712372 Background



This preview shows how black text looks on a background with the Android color 4291712372.

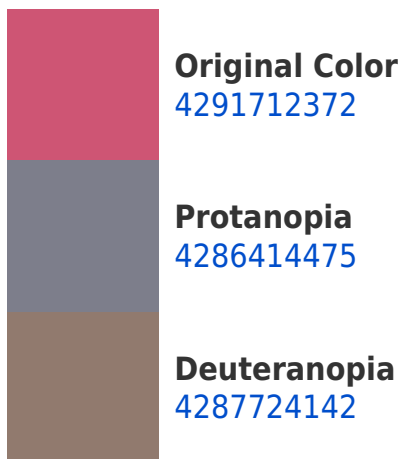


This preview shows how white text looks on a background with the Android color 4291712372.

# 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





# Trichromacy



**Original Color**

4291712372

**Protanomaly**

4288311171

**Deuteranomaly**

4289162608

**Tritanomaly**

4291647591

# Monochromacy



**Original Color**

4291712372

**Achromatopsia**

4286414205

**Achromatomaly**

4288310906

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291712372 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(206, 85, 116)` looks like.

```
.text, #text, p{  
    color:rgb(206, 85, 116)  
}
```

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(206, 85, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 85, 116) }
```

## Border

The CSS property to change the border of an element to Android 4291712372 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(206, 85, 116) }
```

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

```
.border{ border-color:rgb(206, 85, 116) }
```

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

Here you see how a box with a 4 pixel rgb(206, 85, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 85, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 85, 116);  
box-shadow:4px 4px 4px 4px rgb(206, 85,  
116) }
```

# Background

The CSS property to change the background color of an element to Android 4291712372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 85, 116) }
```

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

```
.background{ background-color: rgb(206, 85,  
116) }
```

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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