

# Converting Colors

Android(4291516026)

Have a look what the booklet for  
Android(4291516026) contains.

<b>Android(4291516026)</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(4291516026)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB567A
RGB	203, 86, 122
RGB Percent	80%, 34%, 48%
CMY	0.2039, 0.6627, 0.5216
CMYK	0.00, 0.58, 0.40, 0.20
HSL	342°, 53%, 57%
HSV	342°, 58%, 80%
XYZ	31.4692, 20.7572, 20.7603
YIQ	125.0870, 58.1760, 36.0000

# Conversions

## Conversions Part 2

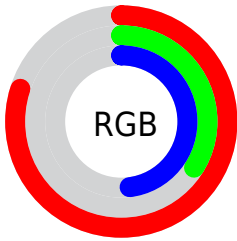
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 86, 122
Decimal	13325946
CIE <sub>Lab</sub>	52.68, 49.86, 3.31
CIE <sub>LCh</sub>	53, 49.965, 3.794
Yxy	20.7572, 0.4312, 0.2844
Android (android.graphics.Color)	4291516026 (0xFFCB567A)
YUV	125.0870, -1.5219, 68.3297
Hunter-Lab	45.5601, 43.5632, 4.8755

# Details

The Android color **4291516026** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **4283878311**, and the grayscale version is **4286414205**.

A 20% lighter version of the original color is **4294937774**, and **4287700298** is the 20% darker color. If you saturate the color by 10%, you get **4291510892**, and if you desaturate by 10%, it is **4291521160**.

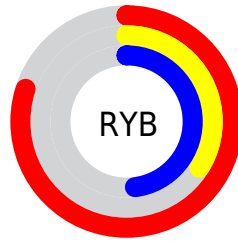
# Distribution



Red (80%)

Green (34%)

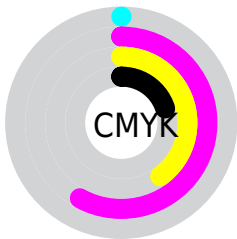
Blue (48%)



Red (80%)

Yellow (34%)

Blue (48%)

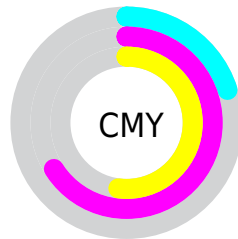


Cyan (0%)

Magenta (58%)

Yellow (40%)

Black (20%)



Cyan (20%)

Magenta (66%)


Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291516026 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 4291516026 by changing the saturation by 10% instead.



 4291516026

 4291516026

4294967295

 4289608545

 4294937774

 4287700298

 4294944970

 4285792307

 4294952166

 4284022814


 4294959615


 4282318852


4294967039


 4280287233

 4278190080


 4291516026


 4291516026


 4291510892

 4291521160

 4291505502

 4291526550

 4291500368


 4291531684


 4291495234


 4291536818

 4291493950

 4291542208

 4291547342

 4291552476

 4291557610

 4291559416

# Harmonies

## Analogous

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



4290142116



4291516026



4291321168

# Triad

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



4291516026



4284713265



4278226122

# Complementary

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



4291516026



4283878311

# 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.



4278227628



4291516026



4279996502

# Square

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



4291516026



4287659296



4278227842



4280648147

# Rectangle

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



4291516026



4290471993



4278227842



4278226626



# Sweetspot

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



4291516026



4294956257



4289091275



4286604910



4278190080



4286611584



# Same Dimension

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



4291516026



4294922117



4291521366



4284898399



4289069107



4280680460



# Inverse Universe

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



4291516026



4294922117



4283872971



4284898399



4289069107



4280680460



# Previews

## White Background



This preview shows how the Android color 4291516026 looks on a white background.

## Color Contrast Check

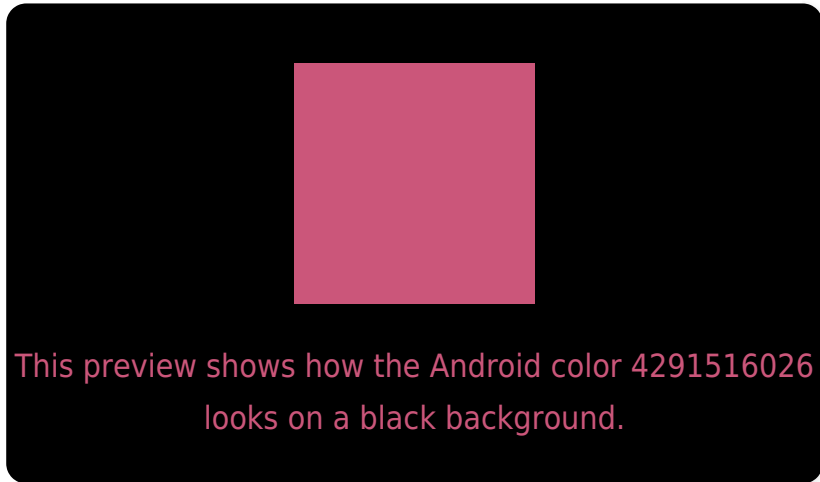
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291516026 Background



This preview shows how black text looks on a background with the Android color 4291516026.



This preview shows how white text looks on a background with the Android color 4291516026.

# 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



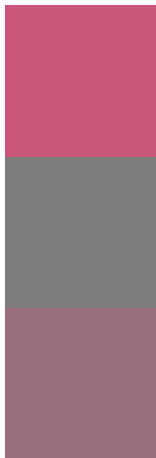
**Original Color**  
4291516026

**Protanomaly**  
4288180105

**Deuteranomaly**  
4288966006

**Tritanomaly**  
4291451242

# Monochromacy



**Original Color**  
4291516026

**Achromatopsia**  
4286414205

**Achromatomaly**  
4288245628

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291516026 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(203, 86, 122)` looks like.

```
.text, #text, p{  
    color:rgb(203, 86, 122)  
}
```

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(203, 86, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 86, 122) }
```

## Border

The CSS property to change the border of an element to Android 4291516026 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(203, 86, 122) }
```

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

```
.border{ border-color:rgb(203, 86, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 86, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 86, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 86, 122);  
box-shadow:4px 4px 4px 4px rgb(203, 86,  
122) }
```

# Background

The CSS property to change the background color of an element to Android 4291516026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 86, 122) }
```

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

```
.background{ background-color: rgb(203, 86,  
122) }
```

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