

# Converting Colors

Android(4291570013)

Have a look what the booklet for  
Android(4291570013) contains.

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# Color

**Android(4291570013)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC295D
RGB	204, 41, 93
RGB Percent	80%, 16%, 36%
CMY	0.2000, 0.8392, 0.6353
CMYK	0.00, 0.80, 0.54, 0.20
HSL	341°, 67%, 48%
HSV	341°, 80%, 80%
XYZ	27.6706, 15.2136, 11.8340
YIQ	95.6650, 80.4560, 50.7280

# Conversions

## Conversions Part 2

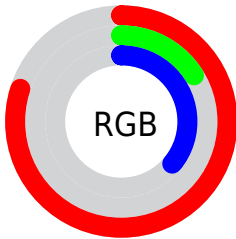
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	204, 41, 93
Decimal	13379933
CIELab	45.93, 64.46, 11.32
CIELCh	46, 65.450, 9.962
Yxy	15.2136, 0.5057, 0.2780
Android (android.graphics.Color)	4291570013 (0xFFCC295D)
YUV	95.6650, -1.3138, 95.0098
Hunter-Lab	39.0046, 58.3732, 9.3145

# Details

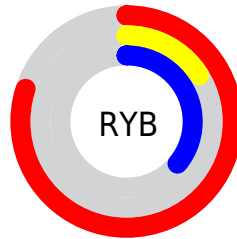
The Android color **4291570013** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **4280929432**, and the grayscale version is **4284506208**.

A 20% lighter version of the original color is **4294928271**, and **4287561776** is the 20% darker color. If you saturate the color by 10%, you get **4291564879**, and if you desaturate by 10%, it is **4291575147**.

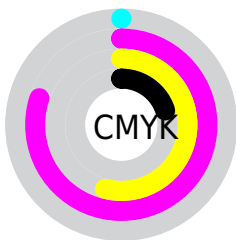
# Distribution



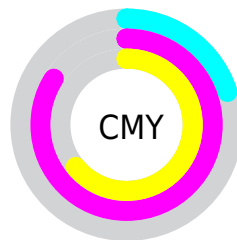
- Red (80%)
- Green (16%)
- Blue (36%)



- Red (80%)
- Yellow (16%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (54%)
- Black (20%)




- Cyan (20%)
- Magenta (84%)
- Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291570013 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 4291570013 by changing the saturation by 10% instead.



 4291570013

 4291570013

4294967295

 4289527878

 4294928271

 4287561776

 4294935721

 4285595675

 4294943172

 4283695105

 4294950624


 4281794562

 4294958077


 4278845440


 4294965759

 4278190080

 4291570013

 4291570013

 4291564879

 4291575147

■ 4291559489

■ 4291580537

■ 4291585671

■ 4291591061

■ 4291596194

■ 4291601328

■ 4291606718

■ 4291611852

■ 4291617242

# Harmonies

## Analogous

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



4290393748



4291570013



4290854952

# Triad

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



4291570013



4281629696



4278222292

# Complementary

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



4291570013



4280929432

# 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.



4278224050



4291570013



4278223429

# Square

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



4291570013



4285755392



4278224254



4278218458

# Rectangle

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



4291570013



4289614848



4278224254



4278223052



# Sweetspot

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



4291570013



4294951637



4288031180



4286602086



4278190080



4286611584



# Same Dimension

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



4291570013



4294904408



4291576873



4284898399



4289069109



4280680460



# Inverse Universe

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



4291570013



4294904408



4280922572



4284898399



4289069109

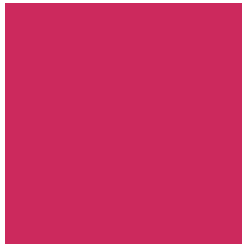


4280680460



# Previews

## White Background



This preview shows how the Android color 4291570013 looks on a white background.

## Color Contrast Check

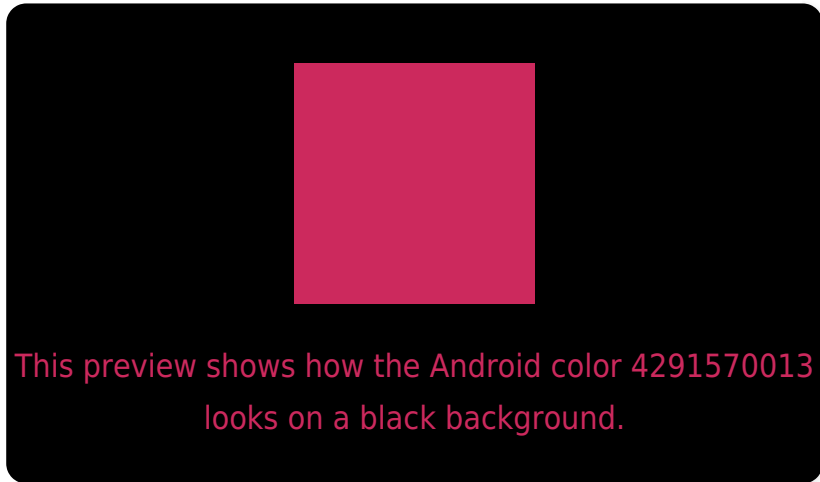
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4291570013 Background



This preview shows how black text looks on a background with the Android color 4291570013.

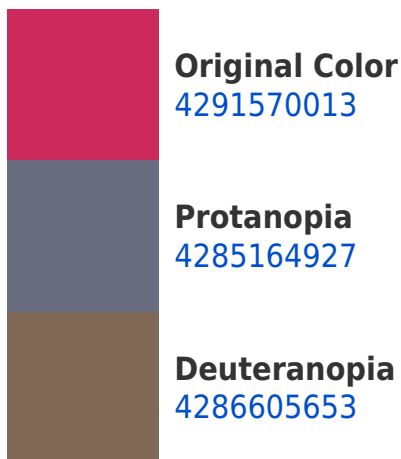


This preview shows how white text looks on a background with the Android color 4291570013.

# Color Blindness Simulation

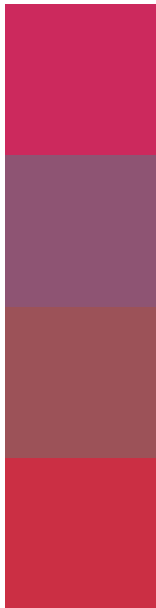
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



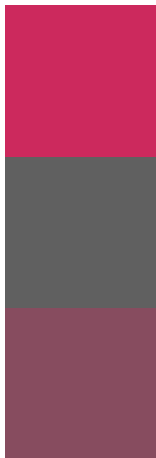
**Original Color**  
4291570013

**Protanomaly**  
4287517811

**Deuteranomaly**  
4288434776

**Tritanomaly**  
4291505988

# Monochromacy



**Original Color**  
4291570013

**Achromatopsia**  
4284506208

**Achromatomaly**  
4287056991

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291570013 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(204, 41, 93)` looks like.

```
.text, #text, p{  
    color:rgb(204, 41, 93)  
}
```

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(204, 41, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 41, 93) }
```

## Border

The CSS property to change the border of an element to Android 4291570013 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(204, 41, 93) }
```

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

```
.border{ border-color:rgb(204, 41, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 41, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 41, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 41, 93);  
box-shadow:4px 4px 4px 4px rgb(204, 41,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4291570013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 41, 93) }
```

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

```
.background{ background-color: rgb(204, 41,  
93) }
```

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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