

# Converting Colors

Android(4291037294)

Have a look what the booklet for  
Android(4291037294) contains.

<b>Android(4291037294)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4291037294)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4086E
RGB	196, 8, 110
RGB Percent	77%, 3%, 43%
CMY	0.2314, 0.9686, 0.5686
CMYK	0.00, 0.96, 0.44, 0.23
HSL	327°, 92%, 40%
HSV	327°, 96%, 77%
XYZ	25.6663, 13.0352, 15.9151
YIQ	75.8400, 79.3060, 71.5780

# Conversions

## Conversions Part 2

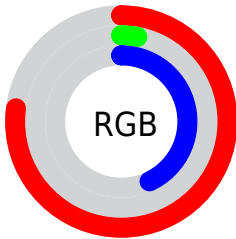
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 8, 110
Decimal	12847214
CIELab	42.82, 69.66, -3.95
CIELCh	43, 69.773, 356.758
Yxy	13.0352, 0.4699, 0.2387
Android (android.graphics.Color)	4291037294 (0xFFC4086E)
YUV	75.8400, 16.8409, 105.3803
Hunter-Lab	36.1043, 63.7116, -0.8626

# Details

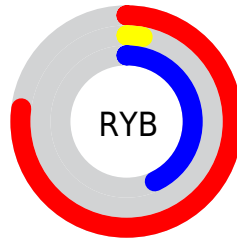
The Android color **4291037294** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **4278764638**, and the grayscale version is **4283190348**.

A 20% lighter version of the original color is **4294924449**, and **4287103039** is the 20% darker color. If you saturate the color by 10%, you get **4291035242**, and if you desaturate by 10%, it is **4291042423**.

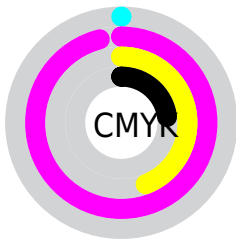
# Distribution



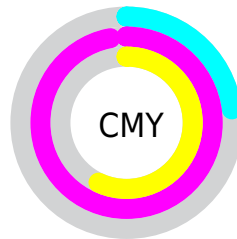
- Red (77%)
- Green (3%)
- Blue (43%)



- Red (77%)
- Yellow (3%)
- Blue (43%)



- Cyan (0%)
- Magenta (96%)
- Yellow (44%)
- Black (23%)




- Cyan (23%)
- Magenta (97%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291037294 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 4291037294 by changing the saturation by 10% instead.



 4291037294

 4291037294

4294967295

 4289069142

 4294924449

 4287103039

 4294932156

 4285136937

 4294939608

 4283301909

 4294947061

 4281401346

 4294954751

 4278190080

 4294962431

 4291037294

 4291037294

 4291035242


 4291042423


 4291047296


 4291052425

 4291057298

 4291062427

 4291067556

 4291072429

 4291077558

 4291082431

# Harmonies

## Analogous

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



4288820901



4291037294



4291043381

# Triad

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



4291037294



4282937600



4278221510

# Complementary

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



4291037294



4278764638

# 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.



427822232



4291037294



4278221086

# Square

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



4291037294



4286669056



4278222173



4278218714

# Rectangle

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



4291037294



4290132748



4278222173



4278222009



# Sweetspot

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



4291037294



4294948317



4284287172



4286600043



4278190080



4286611584



# Same Dimension

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



4291037294



4294901898



4291037201



4284569436



4288741463



4280352786



# Inverse Universe

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



4291037294



4294901898



4278764731



4284569436



4288741463



4280352786



# Previews

## White Background



This preview shows how the Android color 4291037294 looks on a white background.

## Color Contrast Check

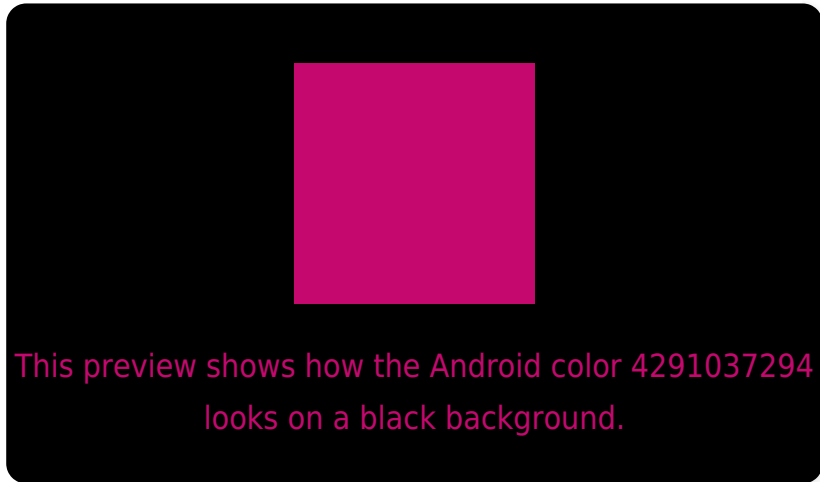
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291037294 Background



This preview shows how black text looks on a background with the Android color 4291037294.



This preview shows how white text looks on a background with the Android color 4291037294.

# Color Blindness Simulation

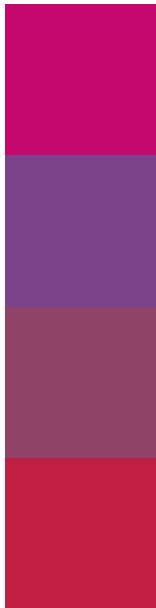
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4291037294

**Protanomaly**  
4286333837

**Deuteranomaly**  
4287578985

**Tritanomaly**  
4290912069

# Monochromacy



**Original Color**  
4291037294

**Achromatopsia**  
4283190348

**Achromatomaly**  
4286067544

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291037294 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(196, 8, 110)` looks like.

```
.text, #text, p{  
    color:rgb(196, 8, 110)  
}
```

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(196, 8, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 8, 110) }
```

## Border

The CSS property to change the border of an element to Android 4291037294 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(196, 8, 110) }
```

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

```
.border{ border-color:rgb(196, 8, 110) }
```

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

Here you see how a box with a 4 pixel rgb(196, 8, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 8, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 8, 110);  
box-shadow:4px 4px 4px 4px rgb(196, 8,  
110) }
```

# Background

The CSS property to change the background color of an element to Android 4291037294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 8, 110) }
```

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

```
.background{ background-color: rgb(196, 8,  
110) }
```

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