

# Converting Colors

Android(4291564747)

Have a look what the booklet for  
Android(4291564747) contains.

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**Color**

**Android(4291564747)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC14CB
RGB	204, 20, 203
RGB Percent	80%, 8%, 80%
CMY	0.2000, 0.9216, 0.2039
CMYK	0.00, 0.90, 0.00, 0.20
HSL	300°, 82%, 44%
HSV	300°, 90%, 80%
XYZ	35.9315, 17.6495, 58.0128
YIQ	95.8780, 50.9210, 95.9210

# Conversions

## Conversions Part 2

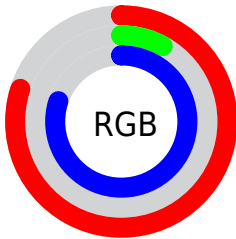
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 20, 203
Decimal	13374667
CIE <sub>Lab</sub>	49.07, 81.07, -49.95
CIE <sub>LCh</sub>	49, 95.221, 328.360
Yxy	17.6495, 0.3220, 0.1582
Android (android.graphics.Color)	4291564747 (0xFFCC14CB)
YUV	95.8780, 52.8111, 94.8230
Hunter-Lab	42.0113, 79.1481, -52.4648

# Details

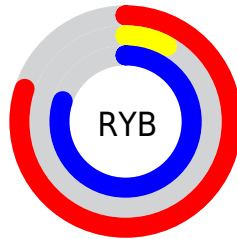
The Android color `4291564747` is a dark color, and the websafe version is hex `CC00CC`. The color can be described as middle washed magenta. A complement of this color would be `4279553045`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4294927103`, and `4287692948` is the 20% darker color. If you saturate the color by 10%, you get `4291559627`, and if you desaturate by 10%, it is `4291569867`.

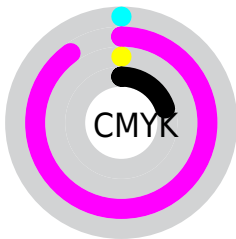
# Distribution



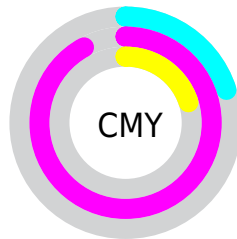
- Red (80%)
- Green (8%)
- Blue (80%)



- Red (80%)
- Yellow (8%)
- Blue (80%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (20%)




- Cyan (20%)
- Magenta (92%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291564747 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 4291564747 by changing the saturation by 10% instead.



 4291564747

 4291564747

4294967295

 4289593519

 4294927103

 4287692948

 4294934783

 4285792378

 4294942463

 4283891808

 4294950143

 4282187848


 4294957823

 4280156208

 4294965503

 4278190362

 4278190080

 4291564747

 4291564747

■ 4291559627

■ 4291569867

■ 4291575243

■ 4291580363

■ 4291585739

■ 4291590860

■ 4291595980

■ 4291601356

■ 4291606476

■ 4291611852

# Harmonies

## Analogous

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



4283064831



4291564747



4294377597

# Triad

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



4291564747



4287787264



4278228160

# Complementary

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



4291564747



4279553045

# 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.



4278227822



4291564747



4282352896

# Square

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



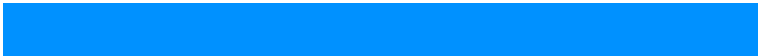
4291564747



4291708928



4278226695



4278227455

# Rectangle

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



4291564747



4294508616



4278226695



4278228134



# Sweetspot

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



4291564747



4294949631



4279506124



4286601087



4278190080



4286611584



# Same Dimension

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



4291564747



4294902014



4291564656



4284898406



4289069221



4280680486



# Inverse Universe

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



4291564747



4294902014



4279553136



4284898406



4289069221



4280680486



# Previews

## White Background



This preview shows how the Android color 4291564747 looks on a white background.

## Color Contrast Check

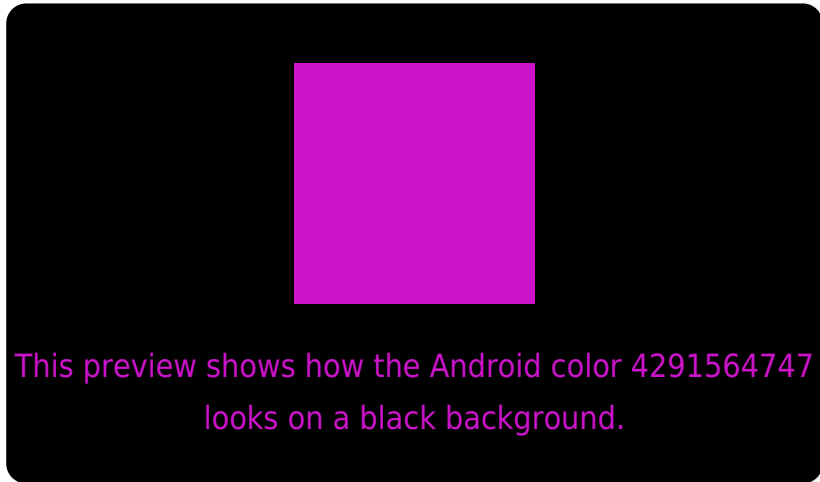
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4291564747 Background



This preview shows how black text looks on a background with the Android color 4291564747.



This preview shows how white text looks on a background with the Android color 4291564747.

# 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**

4291564747



**Protanomaly**

4283060451



**Deuteranomaly**

4286141123



**Tritanomaly**

4291050369

# Monochromacy



**Original Color**

4291564747



**Achromatopsia**

4284506208



**Achromatomaly**

4287054983

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291564747 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, 20, 203)` looks like.

```
.text, #text, p{  
    color:rgb(204, 20, 203)  
}
```

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, 20, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 20, 203) }
```

## Border

The CSS property to change the border of an element to Android 4291564747 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, 20, 203) }
```

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

```
.border{ border-color:rgb(204, 20, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 20, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 20, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 20, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 20,  
203) }
```

# Background

The CSS property to change the background color of an element to Android 4291564747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 20, 203) }
```

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

```
.background{ background-color: rgb(204, 20,  
203) }
```

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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