

# Converting Colors

Android(4291777468)

Have a look what the booklet for  
Android(4291777468) contains.

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# **Color**

**Android(4291777468)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF53BC
RGB	207, 83, 188
RGB Percent	81%, 33%, 74%
CMY	0.1882, 0.6745, 0.2627
CMYK	0.00, 0.60, 0.09, 0.19
HSL	309°, 56%, 57%
HSV	309°, 60%, 81%
XYZ	37.9025, 23.0828, 50.0347
YIQ	132.0460, 40.1990, 58.9430

# Conversions

## Conversions Part 2

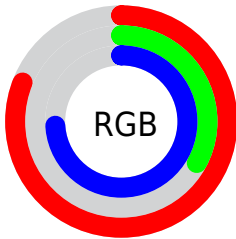
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 83, 188
Decimal	13587388
CIE Lab	55.16, 61.31, -31.65
CIE LCh	55, 69.001, 332.697
Yxy	23.0828, 0.3414, 0.2079
Android (android.graphics.Color)	4291777468 (0xFFCF53BC)
YUV	132.0460, 27.5853, 65.7347
Hunter-Lab	48.0445, 56.7414, -28.1148

# Details

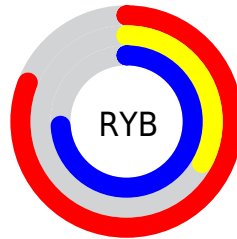
The Android color `4291777468` is a light color, and the websafe version is hex `CC66CC`. The color can be described as light muted rose. A complement of this color would be `4283682662`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4294937589`, and `4288024966` is the 20% darker color. If you saturate the color by 10%, you get `4291772089`, and if you desaturate by 10%, it is `4291782847`.

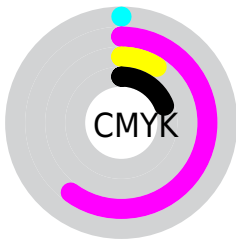
# Distribution



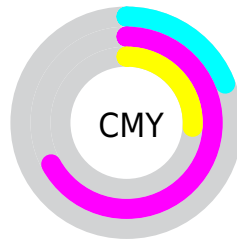
- Red (81%)
- Green (33%)
- Blue (74%)



- Red (81%)
- Yellow (33%)
- Blue (74%)



- Cyan (0%)
- Magenta (60%)
- Yellow (9%)
- Black (19%)




- Cyan (19%)
- Magenta (67%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291777468 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 4291777468 by changing the saturation by 10% instead.



 4291777468

 4291777468

4294967295

 4289869473

 4294937589

 4288024966

 4294944767

 4286185581

 4294952191

 4284350548

 4294959615


 4282646588

4294967039

 4280942630

 4278190350

 4278190080

 4291777468

 4291777468

4291772089

4291782847

4291766966

4291787970

4291761586

4291793350

4291756207

4291798729

4291804108

4291809231

4291814610

4291819989

4291821529

# Harmonies

## Analogous

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



4287132138



4291777468



4293673345

# Triad

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



4291777468



4288316160



4278230723

# Complementary

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



4291777468



4283682662

# 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.



4278230920



4291777468



4284322560

# Square

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



4291777468



4291390472



4278229834



4278229230

# Rectangle

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



4291777468



4293674842



4278229834



4278230961



# Sweetspot

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



4291777468



4294955512



4284896207



4286604155



4278190080



4286611584



# Same Dimension

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



4291777468



4294920163



4291777406



4285095527



4289200271



4280877091



# Inverse Universe

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



4291777468



4294920163



4283682724



4285095527



4289200271



4280877091



# Previews

## White Background



This preview shows how the Android color 4291777468 looks on a white background.

## Color Contrast Check

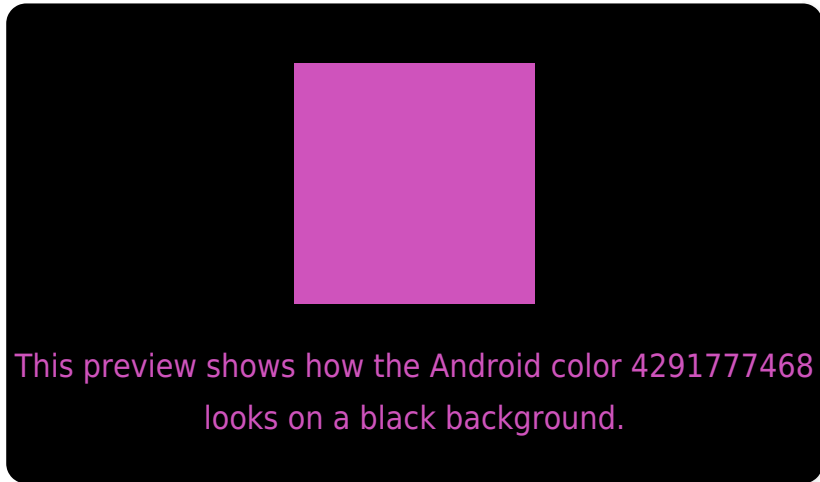
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291777468 Background



This preview shows how black text looks on a background with the Android color 4291777468.



This preview shows how white text looks on a background with the Android color 4291777468.

# 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**

4291777468



**Protanomaly**

4286935253



**Deuteranomaly**

4288049847



**Tritanomaly**

4291453067

# Monochromacy



**Original Color**

4291777468



**Achromatopsia**

4286874756



**Achromatomaly**

4288639640

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291777468 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(207, 83, 188)` looks like.

```
.text, #text, p{  
    color:rgb(207, 83, 188)  
}
```

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(207, 83, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 83, 188) }
```

## Border

The CSS property to change the border of an element to Android 4291777468 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(207, 83, 188) }
```

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

```
.border{ border-color:rgb(207, 83, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 83, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 83, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 83, 188);  
box-shadow:4px 4px 4px 4px rgb(207, 83,  
188) }
```

# Background

The CSS property to change the background color of an element to Android 4291777468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 83, 188) }
```

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

```
.background{ background-color: rgb(207, 83,  
188) }
```

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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