

# Converting Colors

Android(4291454601)

Have a look what the booklet for  
Android(4291454601) contains.

<b>Android(4291454601)</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(4291454601)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA6689
RGB	202, 102, 137
RGB Percent	79%, 40%, 54%
CMY	0.2078, 0.6000, 0.4627
CMYK	0.00, 0.50, 0.32, 0.21
HSL	339°, 49%, 60%
HSV	339°, 50%, 79%
XYZ	33.6238, 23.8654, 26.5012
YIQ	135.8900, 48.3650, 32.0850

# Conversions

## Conversions Part 2

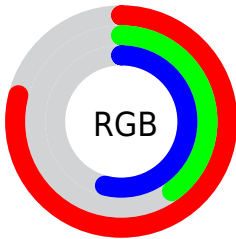
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 102, 137
Decimal	13264521
CIE <sub>Lab</sub>	55.95, 43.48, -0.82
CIE <sub>LCh</sub>	56, 43.489, 358.926
Yxy	23.8654, 0.4003, 0.2841
Android (android.graphics.Color)	4291454601 (0xFFCA6689)
YUV	135.8900, 0.5472, 57.9785
Hunter-Lab	48.8523, 37.3658, 2.0331

# Details

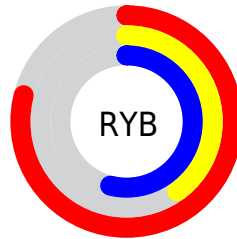
The Android color `4291454601` is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be `4284926631`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4294941886`, and `4287705687` is the 20% darker color. If you saturate the color by 10%, you get `4291449468`, and if you desaturate by 10%, it is `4291459734`.

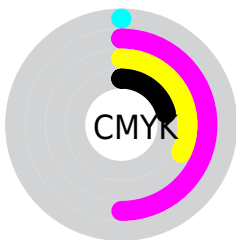
# Distribution



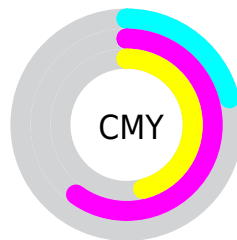
- Red (79%)
- Green (40%)
- Blue (54%)



- Red (79%)
- Yellow (40%)
- Blue (54%)



- Cyan (0%)
- Magenta (50%)
- Yellow (32%)
- Black (21%)



- Cyan (21%)
- Magenta (60%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291454601 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 4291454601 by changing the saturation by 10% instead.





4291454601



4291454601

4294967295



4289547376



4294941886



4287705687



4294948826



4285863488



4294956279



4284088362



4294963455



4282384406



4280745985



4278190080



4291454601



4291454601



4291449468



4291459734

 4291444335

 4291464867

 4291438946

 4291470256


 4291433812

 4291475390

 4291428679

 4291480523

 4291428423

 4291485656

 4291490789

 4291493874

 4291493887

# Harmonies

## Analogous

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



4289949358



4291454601



4291521124

# Triad

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



4291454601



4286025537



4278228166

# Complementary

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



4291454601



4284926631

# 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.



4278229417



4291454601



4282881630

# Square

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



4291454601



4288513080



4278229379



4282092497

# Rectangle

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



4291454601



4290933070



4278229379



4278228670



# Sweetspot

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



4291454601



4294957542



4289160906



4286605681



4278190080



4286611584



# Same Dimension

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



4291454601



4294928797



4291458406



4284898399



4289069114



4280680461



# Inverse Universe

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



4291454601



4294928797



4284922826



4284898399



4289069114

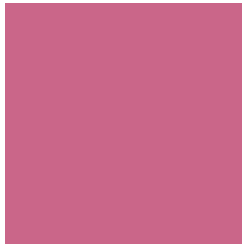


4280680461



# Previews

## White Background



This preview shows how the Android color 4291454601 looks on a white background.

## Color Contrast Check

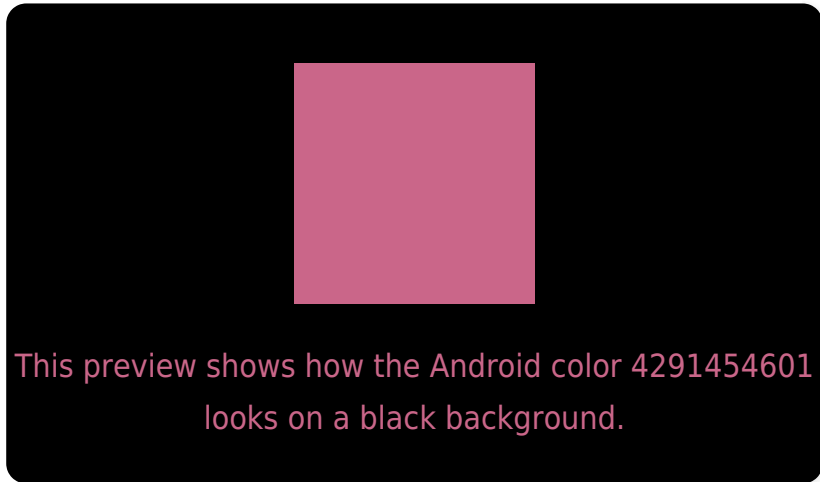
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291454601 Background



This preview shows how black text looks on a background with the Android color 4291454601.




This preview shows how white text looks on a background with the Android color 4291454601.

# 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





**Tritanopia**  
4291324530

# Trichromacy



**Original Color**  
4291454601

**Protanomaly**  
4288445077

**Deuteranomaly**  
4289230982

**Tritanomaly**  
4291389818

# Monochromacy



**Original Color**  
4291454601

**Achromatopsia**  
4287137928

**Achromatomaly**  
4288707720

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291454601 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(202, 102, 137)` looks like.

```
.text, #text, p{  
    color:rgb(202, 102, 137)  
}
```

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(202, 102, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 102, 137) }
```

## Border

The CSS property to change the border of an element to Android 4291454601 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(202, 102, 137) }
```

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

```
.border{ border-color:rgb(202, 102, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 102, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 102, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 102, 137);  
box-shadow:4px 4px 4px 4px rgb(202, 102,  
137) }
```

# Background

The CSS property to change the background color of an element to Android 4291454601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 102, 137) }
```

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

```
.background{ background-color: rgb(202,  
102, 137) }
```

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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