

# Converting Colors

Android(4291190470)

Have a look what the booklet for  
Android(4291190470) contains.

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# **Color**

**Android(4291190470)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C65EC6
RGB	198, 94, 198
RGB Percent	78%, 37%, 78%
CMY	0.2235, 0.6314, 0.2235
CMYK	0.00, 0.53, 0.00, 0.22
HSL	300°, 48%, 57%
HSV	300°, 53%, 78%
XYZ	37.4844, 24.0884, 56.1000
YIQ	136.9520, 28.6000, 54.3920

# Conversions

## Conversions Part 2

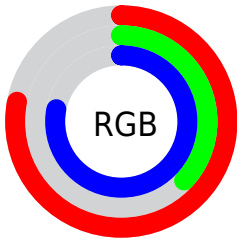
Format	Color
<b>R<sub>YB</sub></b>	198, 94, 198
Decimal	13000390
CIE <sub>Lab</sub>	56.18, 55.56, -35.89
CIE <sub>LCh</sub>	56, 66.150, 327.138
Yxy	24.0884, 0.3185, 0.2047
Android (android.graphics.Color)	4291190470 (0xFFC65EC6)
YUV	136.9520, 30.0967, 53.5391
Hunter-Lab	49.0799, 50.4383, -33.4145

# Details

The Android color `4291190470` is a light color, and the websafe version is hex `CC66CC`. The color can be described as light muted magenta. A complement of this color would be `4284401246`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4294940159`, and `4287506064` is the 20% darker color. If you saturate the color by 10%, you get `4291185350`, and if you desaturate by 10%, it is `4291195590`.

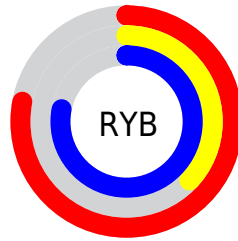
# Distribution



Red (78%)

Green (37%)

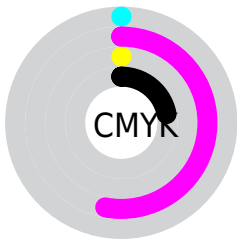
Blue (78%)



Red (78%)

Yellow (37%)

Blue (78%)

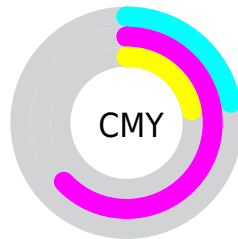


Cyan (0%)

Magenta (53%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (63%)


Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291190470 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 4291190470 by changing the saturation by 10% instead.



 4291190470

 4291190470

4294967295

 4289282986

 4294940159

 4287506064

 4294947327

 4285661302

 4294954495

 4283891805


 4294961919

 4282187845

 4280614958

 4278190360

 4278190080

 4291190470

 4291190470

4291185350

4291195590

4291180230

4291200710

4291175366

4291205574

4291170246

4291210694

4291166406

4291215814

4291220934

4291226054

4291230918

4291231686

# Harmonies

## Analogous

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



4286151406



4291190470



4293413519

# Triad

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



4291190470



4289102336



4278231482

# Complementary

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



4291190470



4284401246

# 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.



4278231167



4291190470



4285436675

# Square

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



4291190470



4291914529



4278230084



4278230247

# Rectangle

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



4291190470



4293741672



4278230084



4278231463



# Sweetspot

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



4291190470



4294956799



4284374726



4286605184



4278190080



4286611584



# Same Dimension

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



4291190470



4294926079



4291190418



4284701283



4288872611



4280549412



# Inverse Universe

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



4291190470



4294926079



4284401298



4284701283



4288872611

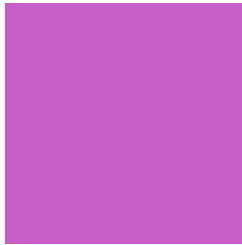


4280549412



# Previews

## White Background



This preview shows how the Android color 4291190470 looks on a white background.

## Color Contrast Check

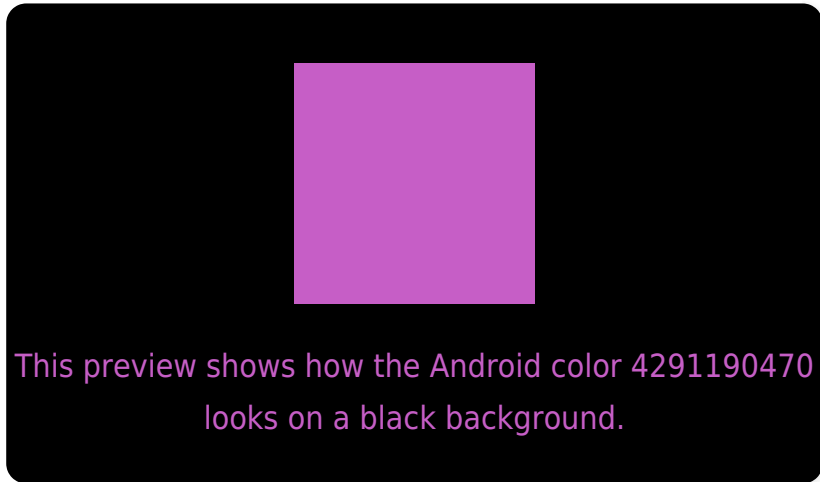
Large Text (above 18pt) WCAG AA ✓ Pass

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

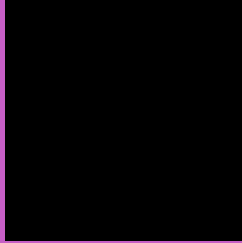
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4291190470 Background



This preview shows how black text looks on a background with the Android color 4291190470.



This preview shows how white text looks on a background with the Android color 4291190470.

# 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**

4291190470



**Protanomaly**

4286805723



**Deuteranomaly**

4287723458



**Tritanomaly**

4290800278

# Monochromacy



**Original Color**

4291190470



**Achromatopsia**

4287203721



**Achromatomaly**

4288641439

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291190470 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(198, 94, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 94, 198)  
}
```

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(198, 94, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 94, 198) }
```

## Border

The CSS property to change the border of an element to Android 4291190470 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(198, 94, 198) }
```

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

```
.border{ border-color:rgb(198, 94, 198) }
```

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

Here you see how a box with a 4 pixel rgb(198, 94, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 94, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 94, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 94,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4291190470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 94, 198) }
```

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

```
.background{ background-color: rgb(198, 94,  
198) }
```

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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