

# Converting Colors

Android(4291412724)

Have a look what the booklet for  
Android(4291412724) contains.

<b>Android(4291412724)</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(4291412724)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9C2F4
RGB	201, 194, 244
RGB Percent	79%, 76%, 96%
CMY	0.2118, 0.2392, 0.0431
CMYK	0.18, 0.20, 0.00, 0.04
HSL	248°, 69%, 86%
HSV	248°, 20%, 96%
XYZ	59.7083, 57.5327, 93.5459
YIQ	201.7930, -11.8780, 17.0340

# Conversions

## Conversions Part 2

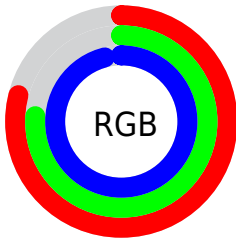
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 194, 244
Decimal	13222644
CIE Lab	80.48, 12.37, -23.79
CIE LCh	80, 26.811, 297.469
Yxy	57.5327, 0.2833, 0.2729
Android (android.graphics.Color)	4291412724 (0xFFC9C2F4)
YUV	201.7930, 20.8081, -0.6955
Hunter-Lab	75.8503, 7.7746, -20.0269

# Details

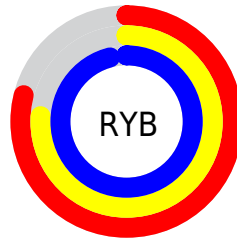
The Android color `4291412724` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4293784770`, and the grayscale version is `4291480266`.

A 20% lighter version of the original color is `4294966015`, and `4287794364` is the 20% darker color. If you saturate the color by 10%, you get `4290030324`, and if you desaturate by 10%, it is `4292795124`.

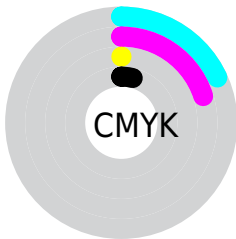
# Distribution



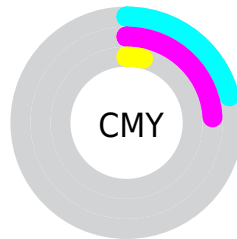
- Red (79%)
- Green (76%)
- Blue (96%)



- Red (79%)
- Yellow (76%)
- Blue (96%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (21%)
- Magenta (24%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291412724 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 4291412724 by changing the saturation by 10% instead.



 4291412724

 4291412724

4294967295

 4289570776

 4294966015

 4287794364

 4286084001

 4284439174

 4282794861

 4281281876

 4279769149

 4278386727

 4278190353

 4291412724

 4291412724

 4290030324

 4292795124

 4288647668

 4294177780


 4287265268

 4294967284

 4285882612

 4284500212

 4283117812

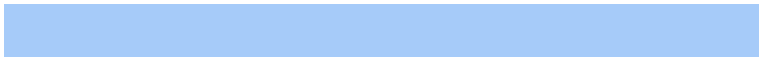
 4281735156

 4280418548

# Harmonies

## Analogous

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



4289121273



4291412724



4293311203

# Triad

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



4291412724



4294032798



4287420101

# Complementary

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



4291412724



4293784770

# 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.



4289057708



4291412724



4292658582

# Square

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



4291412724



4294686642



4290956699



4286567902

# Rectangle

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



4291412724



4294162387



4290956699



4287878588



# Sweetspot

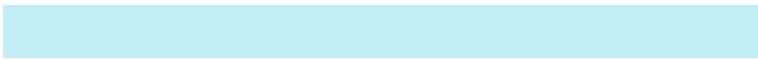
The Sweet Spot groups the original color and five complimentary colors.



4291412724



4294111487



4290964980



4286084992



4278190080



4286611584



# Same Dimension

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



4291412724



4291346431



4293051124



4285558394



4279894202



4278714427



# Inverse Universe

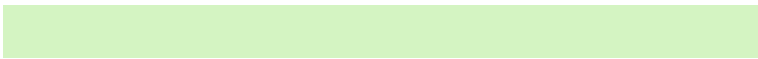
The Inverse Universe completely reimagines the original color for something new.



4294230765



4294950902



4292146370



4286213753



4290379936

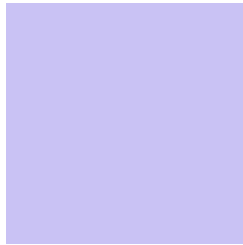


4282056754



# Previews

## White Background



This preview shows how the Android color 4291412724 looks on a white background.

## Color Contrast Check

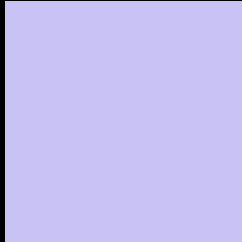
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291412724 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

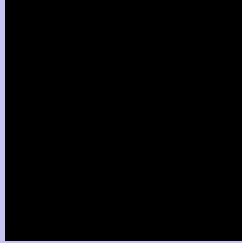
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291412724 Background



This preview shows how black text looks on a background with the Android color 4291412724.

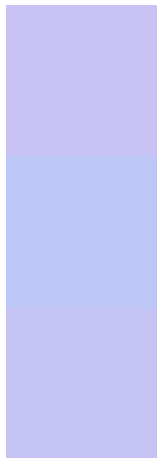


This preview shows how white text looks on a background with the Android color 4291412724.

# 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



**Original Color**  
4291412724

**Protanopia**  
4290561783

**Deuteranopia**  
4291150836



# Trichromacy



**Original Color**  
4291412724

**Protanomaly**  
4290889206

**Deuteranomaly**  
4291216372

**Tritanomaly**  
4291216866

# Monochromacy



**Original Color**  
4291412724

**Achromatopsia**  
4291480266

**Achromatomaly**  
4291479513

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291412724 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(201, 194, 244)` looks like.

```
.text, #text, p{  
    color:rgb(201, 194, 244)  
}
```

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(201, 194, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 194, 244) }
```

## Border

The CSS property to change the border of an element to Android 4291412724 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(201, 194, 244) }
```

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

```
.border{ border-color:rgb(201, 194, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 194, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 194, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 194, 244);  
box-shadow:4px 4px 4px 4px rgb(201, 194,  
244) }
```

# Background

The CSS property to change the background color of an element to Android 4291412724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 194, 244) }
```

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

```
.background{ background-color: rgb(201,  
194, 244) }
```

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