

# Converting Colors

Android(4290947064)

Have a look what the booklet for  
Android(4290947064) contains.

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# **Color**

**Android(4290947064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2A7F8
RGB	194, 167, 248
RGB Percent	76%, 65%, 97%
CMY	0.2392, 0.3451, 0.0275
CMYK	0.22, 0.33, 0.00, 0.03
HSL	260°, 85%, 81%
HSV	260°, 33%, 97%
XYZ	53.0101, 45.8841, 94.8695
YIQ	184.3070, -9.9090, 30.9150

# Conversions

## Conversions Part 2

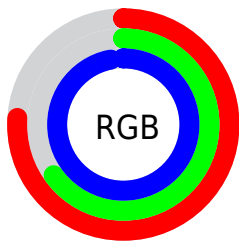
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 167, 248</a>
Decimal	<a href="#">12756984</a>
CIELab	<a href="#">73.47, 25.92, -36.76</a>
CIELCh	<a href="#">73, 44.984, 305.188</a>
Yxy	<a href="#">45.8841, 0.2736, 0.2368</a>
Android (android.graphics.Color)	<a href="#">4290947064 (0xFFC2A7F8)</a>
YUV	<a href="#">184.3070, 31.4006, 8.5008</a>
Hunter-Lab	<a href="#">67.7378, 21.1491, -35.6216</a>

# Details

The Android color `4290947064` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4292737191`, and the grayscale version is `4290295992`.

A 20% lighter version of the original color is `4294696703`, and `4287329215` is the 20% darker color. If you saturate the color by 10%, you get `4289826552`, and if you desaturate by 10%, it is `4292067576`.

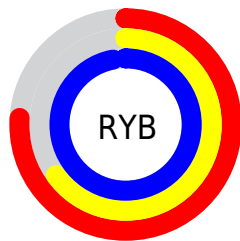
# Distribution



Red (76%)

Green (65%)

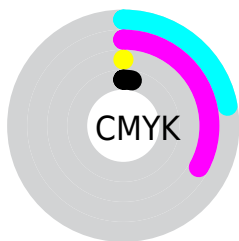
Blue (97%)



Red (76%)

Yellow (65%)

Blue (97%)

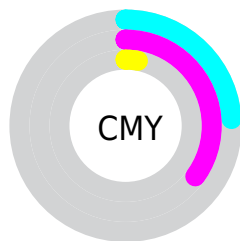


Cyan (22%)

Magenta (33%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (35%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290947064 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 4290947064 by changing the saturation by 10% instead.



 4290947064

 4290947064

4294967295

 4289105115

 4294696703

 4287329215

 4294966271

 4285553316

 4283908745

 4282199152

 4280555095

 4278845503

 4278190888

 4278190354

 4290947064

 4290947064

 4289826552

 4292067576

 4288771576

 4293122552

 4287651320

 4294242808

 4286596344

 4294967288

 4285475832

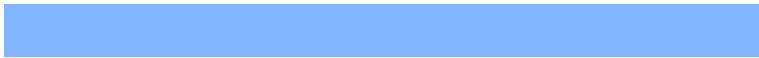
 4284420856

 4283629816

# Harmonies

## Analogous

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



4286691071



4290947064



4293827032

# Triad

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



4290947064



4293568106



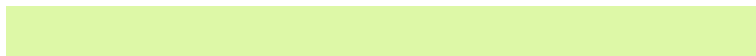
4278504123

# Complementary

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



4290947064



4292737191

# 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.



4284991376



4290947064



4291343457

# Square

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



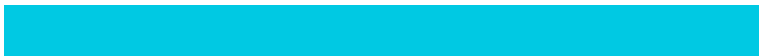
4290947064



4294941063



4288462959



4278241763

# Rectangle

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



4290947064



4294874301



4288462959



4281911980



# Sweetspot

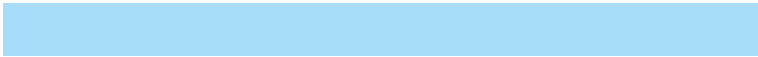
The Sweet Spot groups the original color and five complimentary colors.



4290947064



4293846783



4289191416



4285886592



4278190080



4286611584



# Same Dimension

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



4290947064



4290616575



4293634040



4285886589



4282319037



4279500861



# Inverse Universe

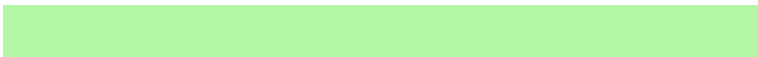
The Inverse Universe completely reimagines the original color for something new.



4294485981



4294941918



4290050215



4286410873



4290576510

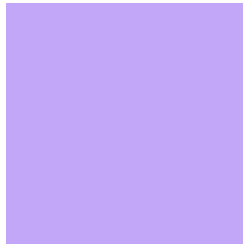


4282187817



# Previews

## White Background



This preview shows how the Android color 4290947064 looks on a white background.

## Color Contrast Check

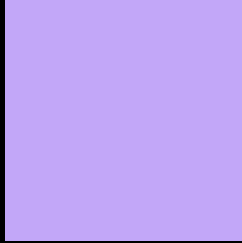
Large Text (above 18pt) WCAG AA × Fail

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 4290947064 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 4290947064 Background



This preview shows how black text looks on a background with the Android color 4290947064.



This preview shows how white text looks on a background with the Android color 4290947064.

# 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**  
4290947064

**Protanopia**  
4288459519

**Deuteranopia**  
4288787190



**Tritanopia**  
4290294464

# Trichromacy



**Original Color**  
4290947064

**Protanomaly**  
4289375996

**Deuteranomaly**  
4289572599

**Tritanomaly**  
4290555604

# Monochromacy



**Original Color**  
4290947064

**Achromatopsia**  
4290295992

**Achromatomaly**  
4290556623

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290947064 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(194, 167, 248)` looks like.

```
.text, #text, p{  
    color:rgb(194, 167, 248)  
}
```

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(194, 167, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 167, 248) }
```

## Border

The CSS property to change the border of an element to Android 4290947064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

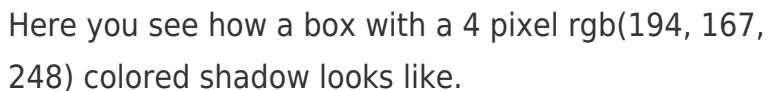
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 167, 248) }
```

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

```
.border{ border-color:rgb(194, 167, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 167, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 167, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 167, 248);  
box-shadow:4px 4px 4px 4px rgb(194, 167,  
248) }
```

# Background

The CSS property to change the background color of an element to Android 4290947064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 167, 248) }
```

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

```
.background{ background-color: rgb(194,  
167, 248) }
```

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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