

# Converting Colors

Android(4290314220)

Have a look what the booklet for  
Android(4290314220) contains.

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# **Color**

**Android(4290314220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8FFEC
RGB	184, 255, 236
RGB Percent	72%, 100%, 93%
CMY	0.2784, 0.0000, 0.0745
CMYK	0.28, 0.00, 0.07, 0.00
HSL	164°, 100%, 86%
HSV	164°, 28%, 100%
XYZ	70.6675, 87.7665, 92.5729
YIQ	231.6050, -36.2170, -20.9610

# Conversions

## Conversions Part 2

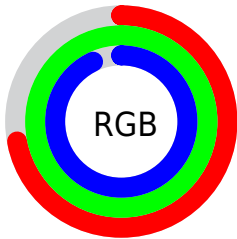
Format	Color
<a href="#">RYB</a>	<a href="#">184, 225, 255</a>
Decimal	<a href="#">12124140</a>
CIELab	<a href="#">95.06, -25.75, 2.02</a>
CIELCh	<a href="#">95, 25.833, 175.519</a>
Yxy	<a href="#">87.7665, 0.2815, 0.3497</a>
Android (android.graphics.Color)	<a href="#">4290314220</a> ( <a href="#">0xFFB8FFEC</a> )
YUV	<a href="#">231.6050, 2.1667, -41.7496</a>
Hunter-Lab	<a href="#">93.6838, -29.3006, 6.9916</a>

# Details

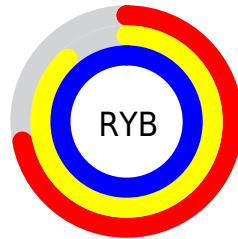
The Android color `4290314220` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4294949067`, and the grayscale version is `4293454056`.

A 20% lighter version of the original color is `4294049791`, and `4286695092` is the 20% darker color. If you saturate the color by 10%, you get `4288675813`, and if you desaturate by 10%, it is `4292018163`.

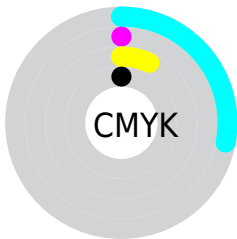
# Distribution



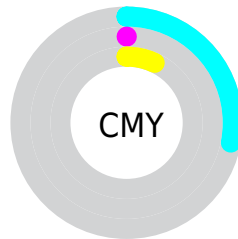
- Red (72%)
- Green (100%)
- Blue (93%)



- Red (72%)
- Yellow (88%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290314220 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 4290314220 by changing the saturation by 10% instead.



 4290314220

 4290314220

4294967295

 4288471760

 4294049791

 4286695092

 4284918681

 4283207808

 4281431655

 4279459151

 4278207800

 4278201890

 4278197004

 4290314220

 4290314220

 4288675813

 4292018163


 4286971870

 4293656570

 4285267928

4294967295

 4283629521

 4281991114

 4280287171

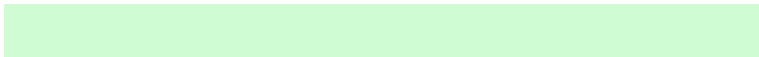
 4278648764

 4278255547

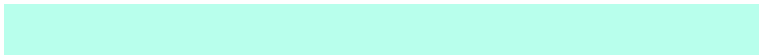
# Harmonies

## Analogous

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



4291886292



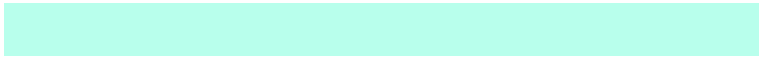
4290314220



4289527807

# Triad

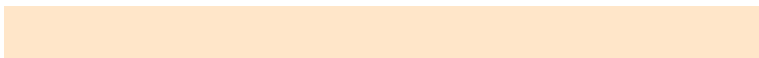
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4290314220



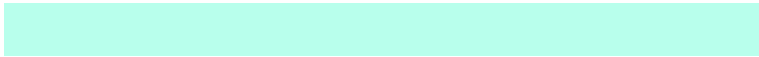
4293979391



4294960841

# Complementary

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



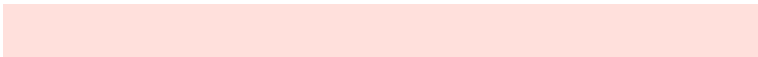
4290314220



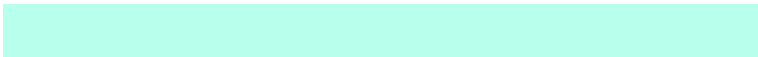
4294949067

# 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.



4294959324



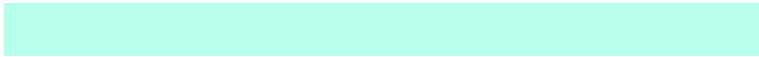
4290314220



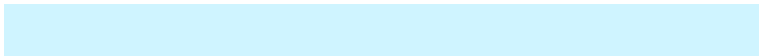
4294960383

# Square

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



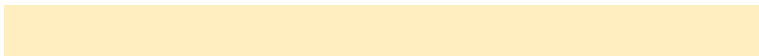
4290314220



4291818751



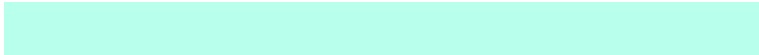
4294959094



4294962879

# Rectangle

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



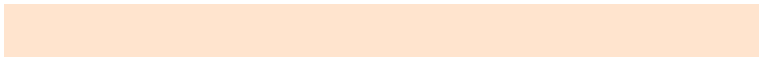
4290314220



4289723903



4294959094

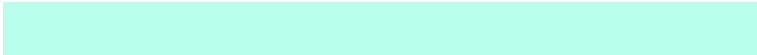


4294960334

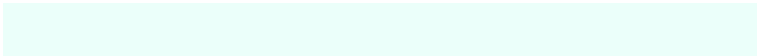


# Sweetspot

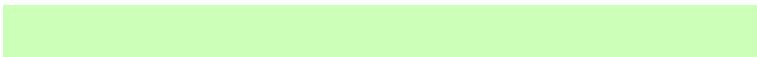
The Sweet Spot groups the original color and five complimentary colors.



4290314220



4293656570



4291624888



4285759612



4278190080

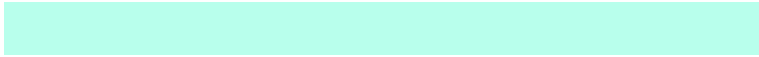


4286611584

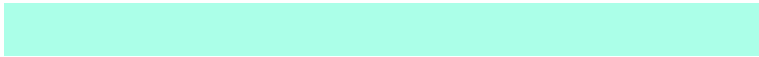


# Same Dimension

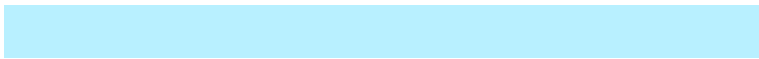
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4290314220



4289462248



4290310399



4285759612



4278239116



4278206511



# Inverse Universe

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



4294949067



4294945729



4294952888



4286608246



4290707507

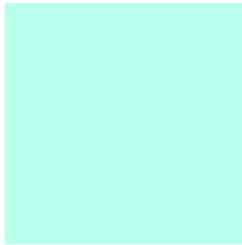


4282384401



# Previews

## White Background



This preview shows how the Android color 4290314220 looks on a white background.

## Color Contrast Check

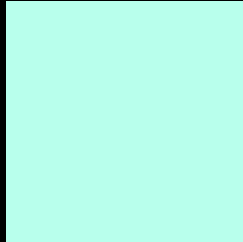
Large Text (above 18pt) WCAG AA × Fail

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 4290314220 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

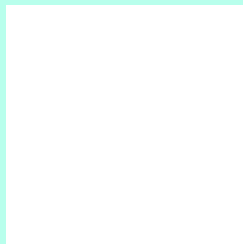
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4290314220 Background



This preview shows how black text looks on a background with the Android color 4290314220.

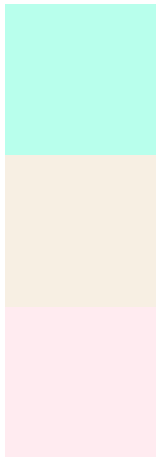


This preview shows how white text looks on a background with the Android color 4290314220.

# 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**  
4290314220

**Protanopia**  
4294438883

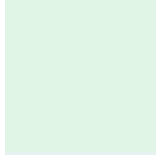
**Deuteranopia**  
4294962160



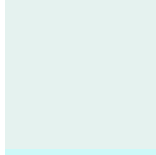
# Trichromacy



**Original Color**  
4290314220



**Protanomaly**  
4292933094



**Deuteranomaly**  
4293260015

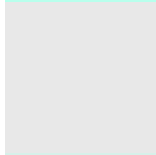


**Tritanomaly**  
4291754488

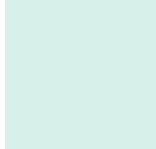
# Monochromacy



**Original Color**  
4290314220



**Achromatopsia**  
4293454056



**Achromatomaly**  
4292341993

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290314220 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(184, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 236)  
}
```

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(184, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 236) }
```

## Border

The CSS property to change the border of an element to Android 4290314220 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(184, 255, 236) }
```

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

```
.border{ border-color:rgb(184, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4290314220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 236) }
```

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

```
.background{ background-color: rgb(184,  
255, 236) }
```

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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