

# Converting Colors

Android(4289981951)

Have a look what the booklet for  
Android(4289981951) contains.

<b>Android(4289981951)</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(4289981951)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3EDFF
RGB	179, 237, 255
RGB Percent	70%, 93%, 100%
CMY	0.2980, 0.0706, 0.0000
CMYK	0.30, 0.07, 0.00, 0.00
HSL	194°, 100%, 85%
HSV	194°, 30%, 100%
XYZ	66.9246, 77.3721, 106.0147
YIQ	221.7100, -40.3460, -6.6980

# Conversions

## Conversions Part 2

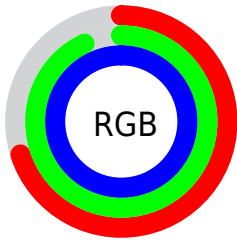
Format	Color
R <sub>Y</sub> B	179, 212, 255
Decimal	11791871
CIE Lab	90.49, -14.20, -14.62
CIE LCh	90, 20.380, 225.839
Yxy	77.3721, 0.2674, 0.3091
Android (android.graphics.Color)	4289981951 (0xFFB3EDFF)
YUV	221.7100, 16.4120, -37.4567
Hunter-Lab	87.9614, -18.1224, -9.8858

# Details

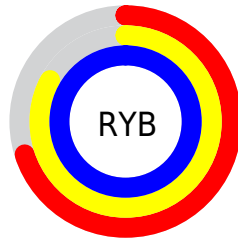
The Android color `4289981951` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `4294952371`, and the grayscale version is `4292796126`.

A 20% lighter version of the original color is `4293722111`, and `4286363078` is the 20% darker color. If you saturate the color by 10%, you get `4288276479`, and if you desaturate by 10%, it is `4291621887`.

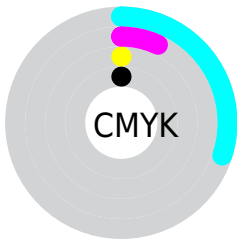
# Distribution



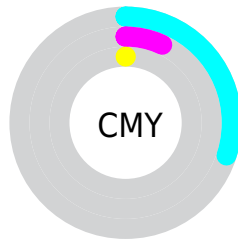
- Red (70%)
- Green (93%)
- Blue (100%)



- Red (70%)
- Yellow (83%)
- Blue (100%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289981951 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 4289981951 by changing the saturation by 10% instead.



 4289981951

 4289981951

4294967295

 4288139746

 4293722111

 4286363078

 4284586667

 4282810512

 4281034615

 4278734686

 4278204486

 4278198832

 4278191388

 4289981951

 4289981951

 4288276479

 4291621887


 4286636543

 4293327359

 4284931071

4294967295

 4283291135

 4281585663

 4279945727

 4278240255

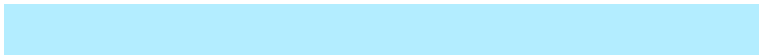
# Harmonies

## Analogous

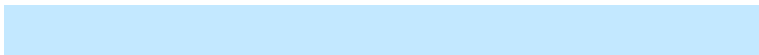
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289851374



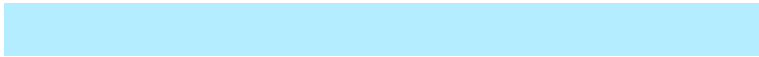
4289981951



4291029247

# Triad

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



4289981951



4294957038



4293453502

# Complementary

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



4289981951



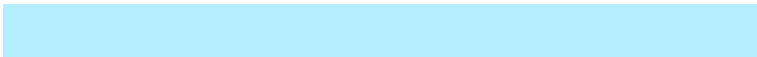
4294952371

# 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.



4294762430



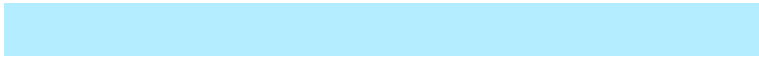
4289981951



4294956762

# Square

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



4289981951



4294237439



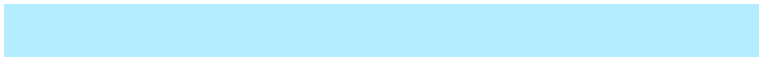
4294957769



4292013000

# Rectangle

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



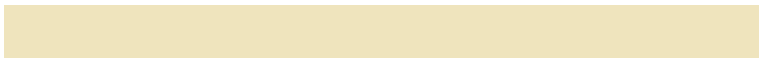
4289981951



4292076799



4294957769

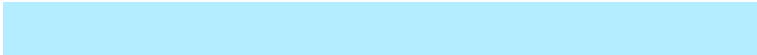


4293911741



# Sweetspot

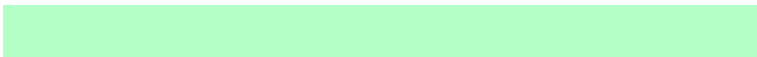
The Sweet Spot groups the original color and five complimentary colors.



4289981951



4293458687



4289986501



4285627520



4278190080

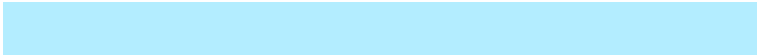


4286611584

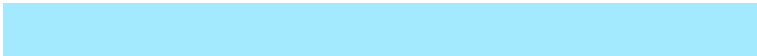


# Same Dimension

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



4289981951



4288932351



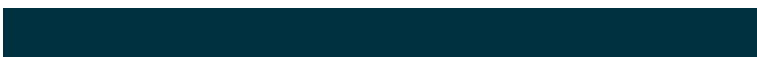
4289972223



4285758592



4278227647



4278202688



# Inverse Universe

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



4294947821



4294943721



4294962099



4286608252



4290707602

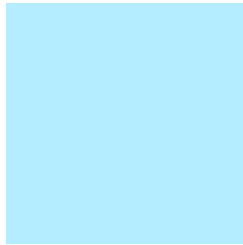


4282384433



# Previews

## White Background



This preview shows how the Android color 4289981951 looks on a white background.

## Color Contrast Check

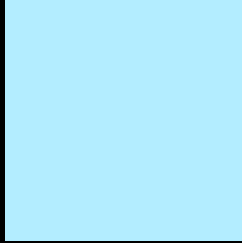
Large Text (above 18pt) WCAG AA × Fail

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 4289981951 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 4289981951 Background



This preview shows how black text looks on a background with the Android color 4289981951.



This preview shows how white text looks on a background with the Android color 4289981951.

# 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

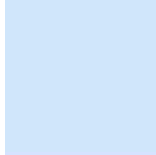




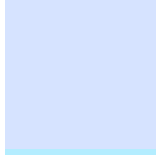
# Trichromacy



**Original Color**  
4289981951



**Protanomaly**  
4291880699



**Deuteranomaly**  
4292273151

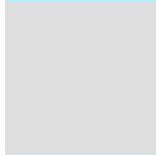


**Tritanomaly**  
4290047487

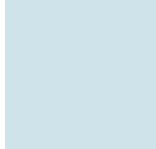
# Monochromacy



**Original Color**  
4289981951



**Achromatopsia**  
4292796126



**Achromatomaly**  
4291748842

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289981951 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(179, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 237, 255)  
}
```

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(179, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 237, 255) }
```

## Border

The CSS property to change the border of an element to Android 4289981951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

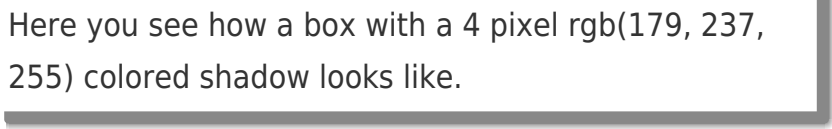
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 237, 255) }
```

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

```
.border{ border-color:rgb(179, 237, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 237,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4289981951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 237, 255) }
```

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

```
.background{ background-color: rgb(179,  
237, 255) }
```

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