

# Converting Colors

Android(4282835199)

Have a look what the booklet for  
Android(4282835199) contains.

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# **Color**

**Android(4282835199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46E0FF
RGB	70, 224, 255
RGB Percent	27%, 88%, 100%
CMY	0.7255, 0.1216, 0.0000
CMYK	0.73, 0.12, 0.00, 0.00
HSL	190°, 100%, 64%
HSV	190°, 73%, 100%
XYZ	47.2314, 61.8334, 104.0534
YIQ	181.4880, -101.7350, -23.0070

# Conversions

## Conversions Part 2

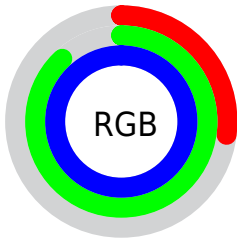
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">70, 154, 255</a>
Decimal	<a href="#">4645119</a>
CIELab	<a href="#">82.82, -29.93, -26.61</a>
CIELCh	<a href="#">83, 40.051, 221.637</a>
Yxy	<a href="#">61.8334, 0.2216, 0.2901</a>
Android (android.graphics.Color)	<a href="#">4282835199</a> ( <a href="#">0xFF46E0FF</a> )
YUV	<a href="#">181.4880, 36.2414, -97.7750</a>
Hunter-Lab	<a href="#">78.6342, -30.3943, -23.4121</a>

# Details

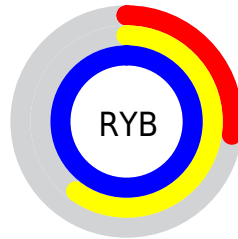
The Android color `4282835199` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294927686`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4287561727`, and `4278233286` is the 20% darker color. If you saturate the color by 10%, you get `4281195775`, and if you desaturate by 10%, it is `4284540159`.

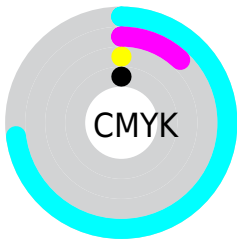
# Distribution



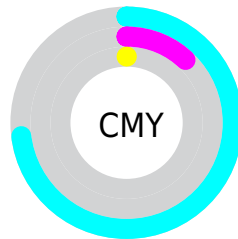
- Red (27%)
- Green (88%)
- Blue (100%)



- Red (27%)
- Yellow (60%)
- Blue (100%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282835199 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 4282835199 by changing the saturation by 10% instead.



 4282835199

 4282835199

4294967295


 4278240482

 4287561727

 4278233286

 4289658879

 4278226603

 4291756031

 4278219920

 4293787647

 4278213495

 4278207326

 4278201414

 4278195248

 4278190362

■ 4282835199

■ 4282835199

■ 4281195775

■ 4284540159

■ 4279490559

■ 4286179839

■ 4278244607

■ 4287884799

■ 4289524223

■ 4291229183

■ 4292868863

■ 4294573823

4294967295

# Harmonies

## Analogous

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



4283753436



4282835199



4285848063

# Triad

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



4282835199



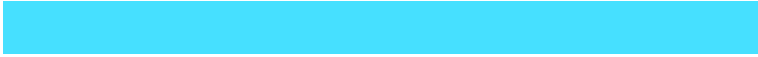
4294948071



4292465028

# Complementary

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



4282835199



4294927686

# 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.



4294755463



4282835199



4294947265

# Square

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



4282835199



4293312511



4294949022



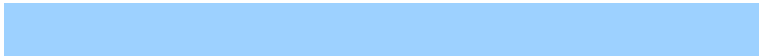
4289715093

# Rectangle

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



4282835199



4288532991



4294949022



4293315970

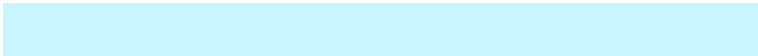


# Sweetspot

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



4282835199



4291294975



4282842981



4284381824



4278190080



4286611584

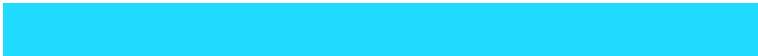


# Same Dimension

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



4282835199



4280408831



4282811647



4285758848



4278230975



4278203712



# Inverse Universe

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



4294919904



4294910426



4294951238



4286608253



4290707615

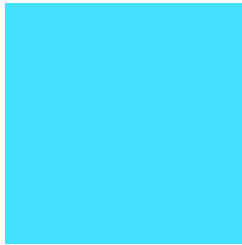


4282384437



# Previews

## White Background



This preview shows how the Android color 4282835199 looks on a white background.

## Color Contrast Check

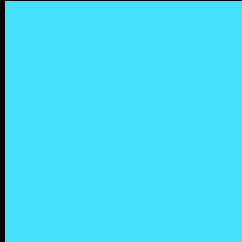
Large Text (above 18pt) WCAG AA × Fail

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 4282835199 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 4282835199 Background



This preview shows how black text looks on a background with the Android color 4282835199.



This preview shows how white text looks on a background with the Android color 4282835199.

# 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





**Tritanopia**  
4282311412

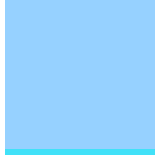
# Trichromacy



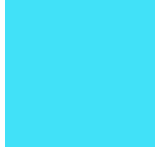
**Original Color**  
4282835199



**Protanomaly**  
4288140277



**Deuteranomaly**  
4288074239

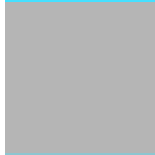


**Tritanomaly**  
4282507768

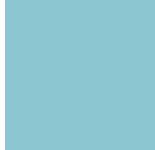
# Monochromacy



**Original Color**  
4282835199



**Achromatopsia**  
4290098613



**Achromatomaly**  
4287481296

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282835199 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(70, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(70, 224, 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(70, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 224, 255) }
```

## Border

The CSS property to change the border of an element to Android 4282835199 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(70, 224, 255) }
```

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

```
.border{ border-color:rgb(70, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(70, 224,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4282835199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 224, 255) }
```

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

```
.background{ background-color: rgb(70, 224,  
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](#).



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