

# Converting Colors

Android(4283301119)

Have a look what the booklet for  
Android(4283301119) contains.

<b>Android(4283301119)</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(4283301119)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DFCFF
RGB	77, 252, 255
RGB Percent	30%, 99%, 100%
CMY	0.6980, 0.0118, 0.0000
CMYK	0.70, 0.01, 0.00, 0.00
HSL	181°, 100%, 65%
HSV	181°, 70%, 100%
XYZ	55.9210, 78.4186, 106.7967
YIQ	200.0170, -105.2630, -36.1670

# Conversions

## Conversions Part 2

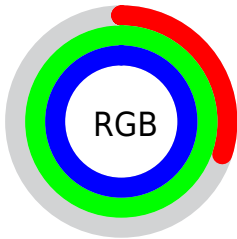
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">77, 165, 255</a>
Decimal	<a href="#">5111039</a>
CIELab	<a href="#">90.97, -42.11, -14.28</a>
CIElCh	<a href="#">91, 44.467, 198.735</a>
Yxy	<a href="#">78.4186, 0.2319, 0.3252</a>
Android (android.graphics.Color)	<a href="#">4283301119</a> ( <a href="#">0xFF4DFCFF</a> )
YUV	<a href="#">200.0170, 27.1066, -107.8859</a>
Hunter-Lab	<a href="#">88.5543, -42.2493, -9.5159</a>

# Details

The Android color `4283301119` is a light color, and the websafe version is hex `66FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294922317`, and the grayscale version is `4291348680`.

A 20% lighter version of the original color is `4288020479`, and `4278240198` is the 20% darker color. If you saturate the color by 10%, you get `4281662719`, and if you desaturate by 10%, it is `4285005055`.

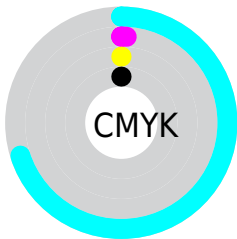
# Distribution



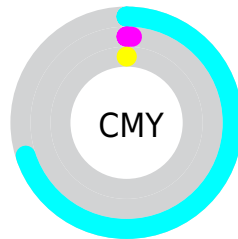
- Red (30%)
- Green (99%)
- Blue (100%)



- Red (30%)
- Yellow (65%)
- Blue (100%)



- Cyan (70%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (1%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283301119 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 4283301119 by changing the saturation by 10% instead.



 4283301119

 4283301119

4294967295

 4279230434

 4288020479

 4278240198

 4290117631

 4278233003

 4292214783

 4278226065

 4294311935

 4278219383

 4278212958

 4278206535

 4278200880

 4278192156

■ 4283301119

■ 4283301119

■ 4281662719

■ 4285005055

■ 4279958527

■ 4286643711

■ 4278320127

■ 4288347647

■ 4278254591

■ 4289986303

■ 4291690239

■ 4293328895

4294967295

# Harmonies

## Analogous

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



4286708691



4283301119



4283365631

# Triad

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



4283301119



4294955519



4294958482

# Complementary

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



4283301119



4294922317

# 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.



4294954919



4283301119



4294952695

# Square

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



4283301119



4292075775



4294952396



4293389203

# Rectangle

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



4283301119



4286051071



4294952396



4294957206



# Sweetspot

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



4283301119



4291428095



4283301712



4284514176



4278190080



4286611584



# Same Dimension

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



4283301119



4280941567



4283278335



4285759360



4278238399



4278206272



# Inverse Universe

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



4294921724



4294912507



4294945101



4286608255



4290707644

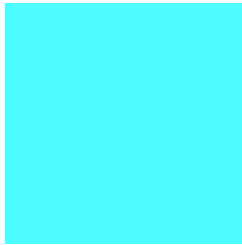


4282384447



# Previews

## White Background



This preview shows how the Android color 4283301119 looks on a white background.

## Color Contrast Check

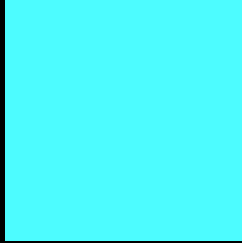
Large Text (above 18pt) WCAG AA × Fail

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 4283301119 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 4283301119 Background



This preview shows how black text looks on a background with the Android color 4283301119.

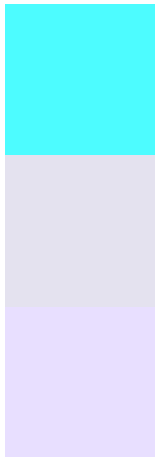


This preview shows how white text looks on a background with the Android color 4283301119.

# 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**  
4283301119

**Protanopia**  
4293190383

**Deuteranopia**  
4293451775



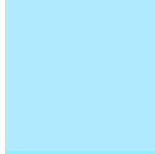
# Trichromacy



**Original Color**  
4283301119



**Protanomaly**  
4289588213



**Deuteranomaly**  
4289784575

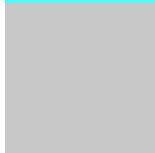


**Tritanomaly**  
4286707455

# Monochromacy



**Original Color**  
4283301119



**Achromatopsia**  
4291348680



**Achromatomaly**  
4288404444

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283301119 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(77, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 252, 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(77, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 252, 255) }
```

## Border

The CSS property to change the border of an element to Android 4283301119 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(77, 252, 255) }
```

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

```
.border{ border-color:rgb(77, 252, 255) }
```

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

Here you see how a box with a 4 pixel rgb(77, 252, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 252,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4283301119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 252, 255) }
```

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

```
.background{ background-color: rgb(77, 252,  
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